



**VESTEL**  
**TV**  
2019



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## COMPANY PROFILE



1.100.000 m<sup>2</sup>  
Closed Production  
Area



16.000  
Employees



35 Million  
Device Production Capacity



\$ 4 Billion  
Turnover



18 Million  
TV Production  
Capacity



10,9 Million  
Home Appliances  
Production Capacity



Export Leader of  
Turkey with  
\$ 2.5 Billion

### Vestel City, which comprises nine plants located in Manisa, is amongst the biggest industrial complexes of the world.

Vestel City, which comprises nine plants located in Manisa, is amongst the biggest industrial complexes of the world.

As one of the leading enterprises in Turkey, Vestel is a major player in consumer electronics, mobile technologies, household appliances, professional displays and LED lighting with renowned products, including television sets, educational, hospitality and digital signage solutions, digital set-top boxes, tablet PCs, smart phones, refrigerators, washing machines, tumble dryers, cooking appliances, dishwashers, air conditioners, and water heaters

Leading the European market in digital products, Vestel has established agreements with the major digital television operators in Europe for the production of digital television and set-top boxes.

Total productive maintenance and the six sigma approach implemented throughout the manufacturing process improve efficiency and

productivity in all areas, making Vestel a world-class manufacturer.

Vestel has an annual manufacturing capacity of 18 million television sets.

The company started built-in module system production based on assembling TVs on a glass cell, and installed robotic lines for the automation of the LED TV assembly. The complete system, named as cell-in tv-out, helps the company to increase efficiency and product quality by all means.

By investing more than 50 million US dollars in LCD panel production over the last few years, Vestel is proud to be the first company in Europe to realise bonding, backlight and module assembly.

Keeping up with the fast developing mobile technologies and interactivity of different devices, Vestel launched tablet PCs, smart phones and developed the Smart Center technology allowing interaction of Vestel Smart TVs with mobile devices.

R&D facilities located in Manisa, İstanbul, United Kingdom, and China employ the highest caliber engineers to develop hardware and software solutions that provide clients with world-class quality products.

Vestel has proven its success in product design by receiving the most prestigious design awards every year from well-known industrial design organizations for a variety of products

Vestel Trade, the company responsible for the marketing and sales of Vestel products overseas, exports 73% percent of its production under leading Japanese and European brands to 156 countries.

Achieving export sales of 8.3 million units of electronics and 4.8 million units of household appliances, the company is proud to account for 91 percent of the television and 28 percent of the white goods exports in Turkey.

## GLOBAL OPERATIONS

### Manufacturing & Assembly Plants

TV, Set-top Boxes – Manisa, Turkey

Professional Displays, Tablet PC, Smart Phone, LED lighting – Manisa Turkey

Refrigerator, Washing Machine, Dishwasher, Tumble Dryer, Cooking Appliances, Air Conditioner, Water Heater – Manisa, Turkey

### Marketing & Sales Companies

Vestel Trade, Turkey

Vestel France, France

Vestel Germany, Germany

Vestel UK, United Kingdom

Vestel Iberia, Spain

Gruppo Industriale Vesit, Italy

Vestel Benelux, The Netherlands

Vestel CIS Ltd, Russia

Vestel Electronica, Romania

Vestel Scandinavia, Finland

Vestfrost Household, Denmark

Vestel Central Asia, Kazakhstan

### R&D Centers

Manisa, Turkey

Istanbul, Turkey

Bristol, United Kingdom

Shanghai, China

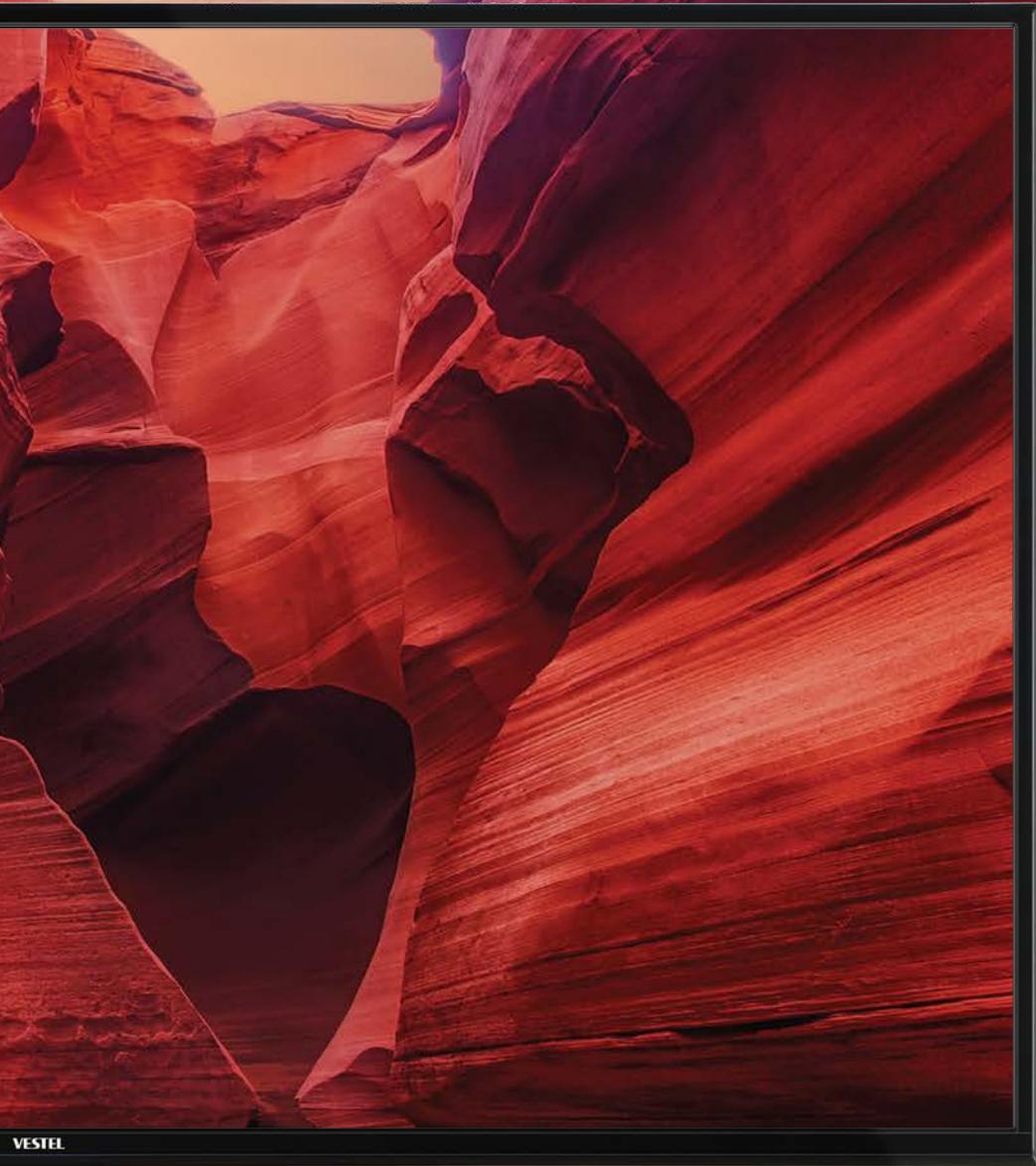




## DESIGN AND TECHNOLOGY

Modern TV design is changing day by day with the improvements in technology. It is also subject to change in Vestel as a leading technology investor and design manufacturer. Nowadays, TVs become less visible, ultra-thin elegant designs are more integrated onto the surrounding surfaces like walls, doorways, anywhere. These designs come with extraordinary technology of high quality resolution in well-sized TVs. The design of TVs will go beyond the standards with simple beautiful cabinet and shelving, we will see the space softened by few accessories around its astonishing pictures.



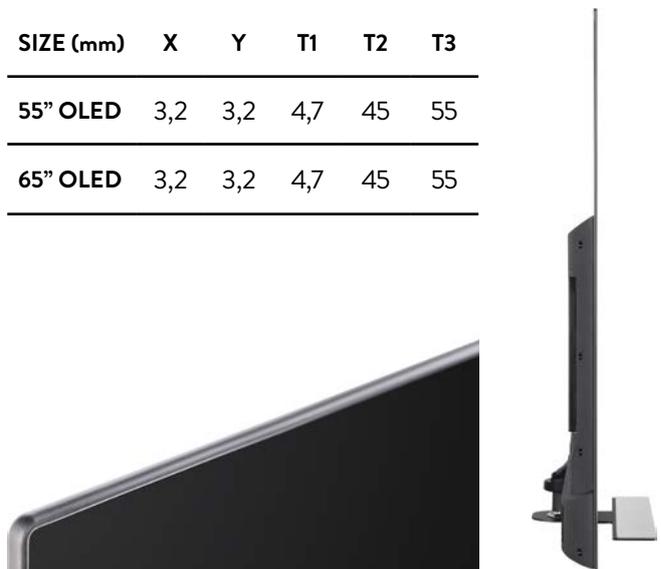




## OLED

You will meet not just a new TV but a new world with Vestel OLED TV. Vestel OLED TV takes you to another dimension which you have never experienced before. Experience the real contrast with self-illuminated organic pixels which enables you to feel the real darkness. This new flagship product of Vestel offers you the deepest blacks to maximize your TV entertainment pleasure. At the same time, you will be able to have the brightness and colors you see in real life through the pixels of OLED TV which could set their own brightness independently. HDR technology with Vestel's innovative product, you are starting a journey to fascinating places rather than watching TV. Without the need of a backlight, OLED TV can reach the ultra slim design which is 3.7 and welcomes you with elegance.

SIZE (mm)	X	Y	T1	T2	T3
55" OLED	3,2	3,2	4,7	45	55
65" OLED	3,2	3,2	4,7	45	55





## BORDERLESS TV

Forget about all your expectations from a classy TV design. New Borderless TV will change your criteria of elegance. It will fulfill your stylish dreams with reduced thickness and weight of ultra slim design help you to enjoy enhanced elegance in display technology. Attractiveness of design is the key and innovative concept of TV rather than its technological features.

As the back depth thickness is very small, this different design definitely add value to costumer's viewing experience as well as adding value to your room thanks to its design elements With this differentiated boutique concept, you will feel special every time you look at your state of the art. The style of Borderless TV definitely aligns with your perspective of grace.

SIZE (mm)	X	Y	T1	T2	T3
<b>55" Borderless</b>	5	19,5	7,9	47	47
<b>65" Borderless</b>	4	19,5	7,9	47	47





## 415

Enjoy your TV experience with 415's super slim nature and LED technology. It will bring your home entertainment to another level with its UI/UX design details and technological features. In this brand new TV, Vestel offers you an affordable high-end metal frame design with less than 10 panel thickness and 6 frame thickness. The new trendy metal stand design adds value to its attraction as well as your home.





## BMS TECHNOLOGY AND LED DESIGNS

Vestel uses own in-house design process in order to build huge amount of various TV models in different sizes and cosmetics. This system is called BMS (Built-in Module System) technology that allows supply of the cell only and rest of the materials including light filters, light-guide plates and backlight systems are separately built by Vestel. Therefore, BMS technology is the perfect supporter of flexibility in production and flexibility in

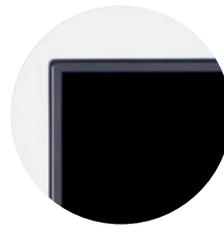
defining various combinations of TV product in terms of size and cosmetic design. Thanks to BMS technology, Vestel has become expert in meeting various customer demands that makes Vestel company pioneer OEM/ODM TV manufacturer globally.

Via BMS technology, 2 main design models are applied by Vestel. These design models are segmented based on the bezel thicknesses.



### Borderless

Vestel Borderless technology is the BMS design offered by Vestel. Bezel thickness of this design is 4 which definitely add value to customer's viewing experience as well as adding value to your room thanks to its elegance.



### UNB (ultra narrow bezel) design

vestel UNB (Ultra Narrow Bezel) technology is the newest design segment that is offered by Vestel. UNB models are built by including front metal frame starting from 6. Moreover, UNB models are ELED and SLIM DLED systems in order to cover any advantage of ELED and DLED systems.

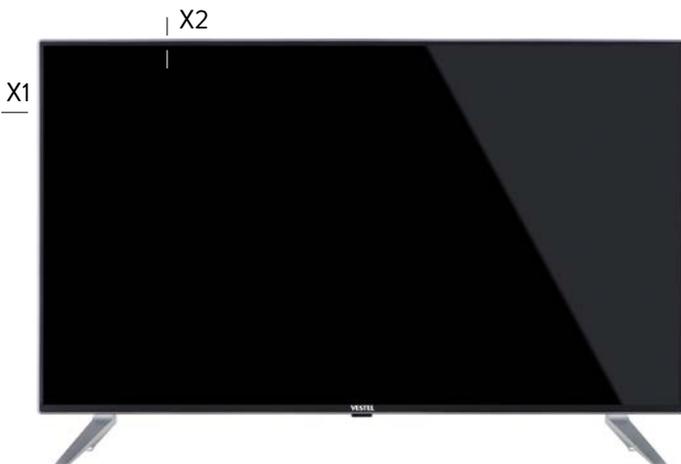


### VNB (very narrow bezel) design

Vestel VNB (Very Narrow Bezel) technology which is another specific design subset of BMS technology allows production of TVs with plastic fronts starting from 10 to provide users very wide watching area on the screen for an amazing watching experience.



**UHD TV (4Kx2K) TV**

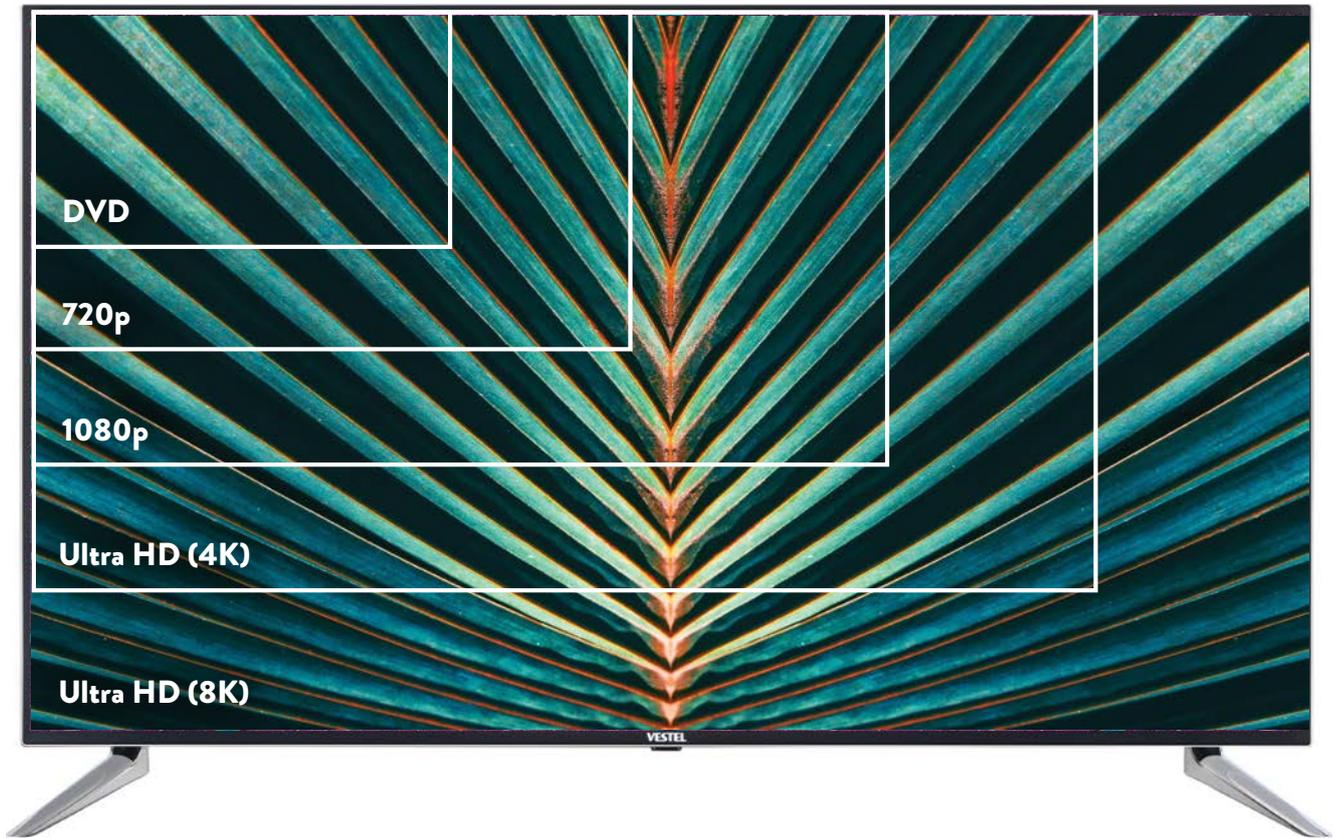


**NEW DLED VNB FAMILY**

	Bezel Thickness (mm)			Back Depth (mm)			
	X1	X2	Y	T1	T2	T3	
ELED VNB	20"	18,5	18,5	37,5	16,5	35,0	41,0
	22"	18,5	18,5	28,0	17,0	35,0	43,0
	23"	12,4	12,4	23,0	20,3	35,0	61,0
	24"	13,0	13,0	23,4	20,4	35,0	61,0
	28"	13,5	13,5	23,5	24,5	37,5	65,0
	32"	13,5	13,5	22,0	24,5	36,0	67,0
	39"	13,5	13,5	22,3	25,5	38,3	63,6
	40"	13,7	13,7	22,4	25,3	38,0	67,7
ELED UNB	40"	5,5	5,5	10,5	8,2	32,0	52,0
	43"	5,9	5,9	10,5	8,2	32,0	52,0
	49"	5,9	5,9	11,0	8,3	32,0	52,0
	55"	7,0	7,0	11,8	8,5	32,5	46,0
DLED VNB FHD	32"	13,5	13,5	23,0	26,0	59,0	89,0
	40"	13,5	13,5	22,0	26,0	59,0	89,0
	43"	13,5	13,5	22,0	26,0	64,0	93,0
	48"	15,0	15,0	25,0	26,0	59,0	89,0
	49"	15,0	15,0	25,0	26,0	59,0	89,0
	50"	16,5	16,5	27,0	26,0	59,0	89,0
	55"	16,5	16,5	27,0	26,0	59,0	89,0
DLED VNB UHD	40"	13,5	13,5	22,0	24,5	---	79,0
	43"	14,0	14,0	23,5	24,5	59,5	79,0
	49"	15,6	15,6	25,9	24,5	59,5	79,0
	50"	15,6	15,6	25,9	24,5	59,5	79,0
	55"	15,6	15,6	26,9	24,5	59,5	79,0
DLED UNB UHD	40"	5,5	5,5	9,5	22,5	57,0	77,0
	43"	5,9	5,9	9,5	22,5	57,0	77,0
	49"	5,9	5,9	9,5	22,5	57,0	77,0
	50"	5,9	5,9	9,5	22,5	57,0	77,0
	55"	7,0	10,5	9,5	22,5	57,0	77,0
	65"	7,0	10,5	9,5	22,5	57,0	77,0

	Bezel Thickness			Back Depth			
	X	Y	T1	T2	T3	T4	
DLED VNB UHD	43"	11,7	20,0	18,5	42,5	63,5	73,5
	49"	12,0	20,0	18,5	42,5	63,5	73,5
	50"	14,5	21,1	18,5	42,5	63,5	73,5
	55"	12,7	20,8	18,5	42,5	63,5	73,5

	Bezel Thickness			Back Depth			
	X	Y	T1	T2	T3	T4	
2019 VNB family	43550	12,8	12,8	17,7	12,9	52,9	81,5
	49550	12,8	12,8	17,7	12,9	52,9	81,5
	50550	13,8	13,8	18,6	12,9	52,9	81,5
	55550	12,8	12,8	17,7	12,9	52,9	81,5



**UHD-8K**  
7680x4320



**UHD-4K**  
3840x2160



**1080P**  
1920x1080



**720P**  
1280x720



**DVD**  
720x480

## UHD TV

**UHD**, the abbreviation for ‘Ultra High Definition’, is the most popular issue in TV business worldwide. Basically, UHD TV provides resolution of 3840x2160 (4K:2K) which equals to 4 times resolution of Full HD TV by doubling the pixel count of the Full HD TV both horizontally and vertically.

Vestel UHD TV offers an extreme watching experience with sharper and more colorful pictures thanks to higher pixel count. You will catch every detail on every corner of the screen thanks to stunning image production. Moreover, you will feel like living in a colorful virtual world while watching a scene on your UHD screen. While watching your favorite movie, watching a sports

event or your favorite TV series delusive events are brought to your living room to fulfill your imaginations.

Thanks to its state of art industrial design and lifelike colorful image presentation, you will feel like that you are surrounded by paintings of famous artists in an art gallery while Vestel UHD TV is around.



## WIDE COLOR GAMUT

Vestel Wide Color Gamut TV is an effective instrument for better picture performance. Wide Color Gamut TV is created by the means of optical improvements to reach wider color palette that brings even more colors to the table, so far impossible to reproduce with TVs. You may have never noticed before that these weren't exactly how they looked in real life, but you sure will now. WCG will bring these colors and millions more to your eyes. Combining this WCG technology with High Bright TV will bring your TV to the life. Enhancement with only

WCG will not be enough for perfect picture quality, so as sole brightness increase. Thanks to increased backlight efficiency layers without spending any more power, you can get up to 33% higher brightness with respect to regular UHD TVs. Higher brightness will help you to realize how realistic look of the images supported in Ultra HD. Also no special content is needed to explore Wide Color Gamut and High Bright. With this combination you will feel that the colors are not the just the colors that you know.

## HDR

Vestel HDR TV meets your expectations from a TV with better pictures, in matter of more contrast with more color accuracy. The high quality images give the TV picture astonishing dynamic look where details in dark and bright areas are clear as never before.

Colors on the screen resemble real life Thanks to its unbelievable competence on color and eye-catching detail potential you can forget about your previous viewing experience in your lifetime. In HDR TV, great

dynamic range of luminosity is achieved by capturing and then combining several different exposures. Foggy display in bright areas cleared as well as hidden details in darker areas enhanced. Video string containing all those metadata comes with standard data to mix in TV in order to create better image. HDR TV promises to revolutionize the way that you visualize details that you have never seen. Experiencing best picture performance ever has never been so joyful!

## Better red, better green Improved backlight efficiency

Wide Color Gamut is created to reach higher contrast levels and wider color spectrum in order to create stunning lifelike pictures with high image depth and quality thanks to better green and better red it provides. You will feel that the colors are not the just the colors that you know after you meet Vestel Wide Color Gamut TV.



Standard Technology



HDR Technology



## More contrast, More details.

High Dynamic Range technology emerges as the latest trend in the video world. Thanks to this technology that provides dynamic depth perception, we don't even lose the smallest details. It minimizes the losses caused of depth and light level differences and provides high contrast in every condition by highlighting the exquisite details.



Standard Technology



WCG Technology





## DOLBY VISION

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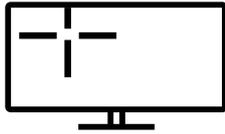
### What is Dolby Vision?

VESTEL & Dolby Vision cooperation transforms the way you experience movies, TV shows, and games with incredible brightness, contrast, and color that bring entertainment to life before your eyes. By fully leveraging the maximum potential of new cinema projection technology and new TVs' display capabilities, Dolby Vision delivers high-dynamic-range (HDR) and wide-color-gamut content. The result is a refined, lifelike image that will make you forget you are looking at a screen.

Current consumer video delivery and cinema standards are based on the limitations of old technologies and require altering the original content before it can be reproduced for playback—dramatically reducing the range of colors, brightness, and contrast from that captured by modern cameras. Dolby Vision changes that, giving creative teams the confidence that images will be reproduced faithfully on TVs, PCs, and mobile devices that feature Dolby Vision.



## Why Dolby Vision?



### Refined Detail

Refined detail helps reveal the nuanced textures and patterns of our world on the screen through the precise use of expanded color and contrast ranges.



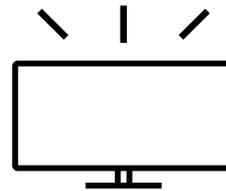
### Expanded Contrast

Expanded contrast uses the much wider range of brights to darks to more closely capture the look of the real world, such as when bright shafts of light come streaming through a window into a dark train station.



### Deep Darks

Deep darks provide a new level of richness and precision that makes every scene look more real and nuanced, helping you uncover secrets in the shadows or see the full depth of night skies.



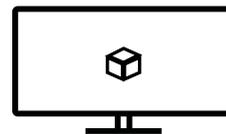
### Astonishing Brightness

Brightness blazes from the screen more brightly than today's standard TV sets allow while maintaining lifelike color and detail, so you can see the fiery flash of an explosion as well as the true beauty of a warm sunset.



### Ultravid Colors

Ultravid colors display many more hues across the full brightness range — some never before seen on standard televisions — to show everything from the most intense neon lights to the subtlest shades of flowers to the true red of a London double-decker bus.



### Enhanced Dimensionality

Enhanced dimensionality emerges from the picture, with more lifelike forms that have realistic shadows and crisp edges to impart a subtle but convincing three-dimensional feel.



## STAND DESIGNS

### SINGLE NECK AND TWIN-STAND DESIGN

Vestel designs own TV stands by applying creative design process. Applying the latest unique design trends, Vestel TV is the representative of elegance with its huge amount of stylish stand design options.

Including many different trendy stand designs, Vestel TV stands are designed and classified as two main categories:

Single-Neck and Twin Stands.

Single-neck and twin-stand options make Vestel flexible to use both concepts to form different combinations of TV lineups. Using these options, Vestel TVs provides different look matching with the environment that TV stands in.







## TV LINE - UP

In terms of design and technology, Vestel offers considerably wide lineup range in order to meet broad expectations of people from a TV. One of the most popular technologies, such as UHD TV arises with elegant OLED design at the top of this lineup as it reflects the strength and quality of Vestel TV lineup. Moreover, elegant slim models including ultra narrow bezel designs, quality metal applications or fashionable stand designs are all positioned in attractive lineup of Vestel. Flexibility, design capability and know-how of high technology allow Vestel to offer the most suitable product for your demand that fits your personal delight as well.



## xx466



### Features

Super slim body with thin high gloss metallic frame. OLED cell is used with thinnest bezel.



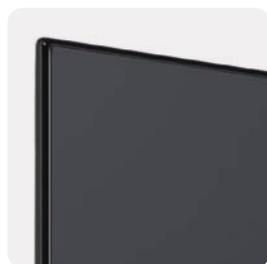
### Available Sizes

OLED 55", 65"





## xx560



### Features

Super slim body with thin high gloss black frame. LED cell line-ups thinnest cabinet.



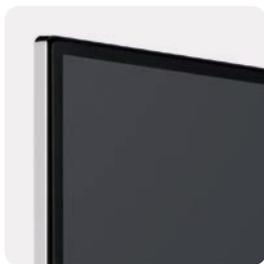
### Available Sizes

E-LED 55", 65"





## xx415



### Features

Rounded plastic frame with trendy section with several mass customization options.



### Available Sizes

E-LED 40", 43", 49", 55"





## 75400



### Features

XL sized TV with black frame design.



### Available Sizes

D-LED 75"





## xx405



### Features

High gloss flat plastic frame with trendy section which several surface finishing applications could be hot stamed.

The witty design creates variety cosmetic lens options shown on right page.



### Available Sizes

**E-LED 40", 43", 49", 55"**



AVAILABLE LENSES



CL406



CL407



CL408



CL409



CL49



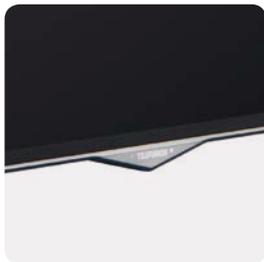
## xx400



### Features

Ultra narrow bezel design with niche design details for middle range. Chrome coated lens design with triangular form in the middle for logo placement and IR receiver.

The main structure of the UNB TV also allows for building a wide range of design pool consisting of several lens options.



### Available Sizes

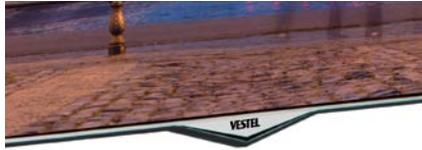
**D-LED** 40", 43", 49", 50", 55", 65"



## AVAILABLE LENSES



CL300



CL301



CL302



CL303



CL304



CL306



CL308



CL312



CL314



CL316



CL318



## xx554



### Features

New plastic front for the half back cover serie. Front cabinet is differentiated with painted cover lens unit. With the cosmetic back light metal, thickness of the overall product is reduced.



### Available Sizes

**D-LED** 43", 49", 50", 55"





## xx553



### Features

New plastic front for the half back cover serie. hotstamp area specially created at the bottom part of bezel for differentiation. With the cosmetic back light metal, thickness of the overall product is reduced.



### Available Sizes

D-LED 43", 49", 50", 55"





## xx552



### Features

New plastic front for the half back cover serie. hotstamp area specially created at the textured bezel for differentiation. With the cosmetic back light metal, thickness of the overall product is reduced.



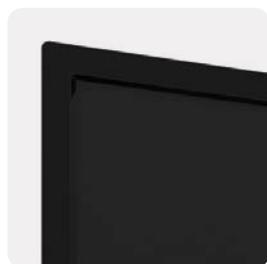
### Available Sizes

D-LED 43", 49", 50", 55"





## xx551



### Features

New plastic front for the half back cover serie. hotstamp area at the bezel for differentiation. With the cosmetic back light metal, thickness of the overall product is reduced.



### Available Sizes

D-LED 43", 49", 50", 55"





## xx507



### Features

Plastic Front cabinet with a bezel slimmer than 11mm. Glossy black front cabinet with extruded logo area at bottom bezel.



### Available Sizes

**E\_LED** 22", 24"

**D-LED** 24", 32", 43", 49", 50", 55"





## xx506



### Features

Plastic Front cabinet with a bezel slimmer than 11mm. Glossy black front cabinet with angled logo area at the bottom of bezel.



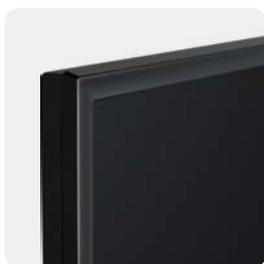
### Available Sizes

E-LED 24", 32"  
D-LED 24", 32", 43", 49", 55"





## xx505



### Features

Plastic Front cabinet with a bezel slimmer than 11mm.  
Glossy black front cabinet with smooth, triangular form at the bottom of bezel.



### Available Sizes

**E-LED** 22", 24"

**D-LED** 24", 32", 38.5", 39", 40", 43", 49", 55"





## xx504



### Features

Plastic Front cabinet with a bezel slimmer than 11mm. Glossy black front cabinet with wide silver brushed area at the bottom side of bezel.



### Available Sizes

E-LED 24"

D-LED 24", 32", 39", 43", 49", 55"





## xx503



### Features

Plastic Front cabinet with a bezel slimmer than 11mm. Glossy black front cabinet with thin textured recess area at the bottom of bezel.



### Available Sizes

**E-LED** 22", 24"

**D-LED** 24", 32", 39.5", 40", 43", 49", 50", 55"





## xx502



### Features

Plastic Front cabinet with a bezel slimmer than 11mm. Glossy black front cabinet with partial thin silver brushed area at the middle bottom of bezel.



### Available Sizes

**E-LED** 22", 24"

**D-LED** 24", 32", 38.5", 39", 39.5", 40", 43", 49", 50", 55"





## xx501



### Features

Plastic Front cabinet with a bezel slimmer than 11mm. Glossy black front cabinet with thin silver brushed area at the bottom of bezel.



### Available Sizes

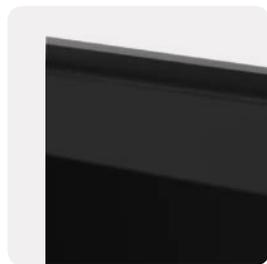
**E-LED** 22", 24"

**D-LED** 24", 32", 39.5", 40", 43", 49", 50", 55"





## xx500



### Features

Plastic Front cabinet with a bezel slimmer than 11mm.  
Basic glossy black front cabinet.



### Available Sizes

D-LED 38.5", 43", 49", 50", 55"





## xx492

### Features

Plastic Front cabinet with a front speaker bottom bezel.  
Glossy black front cabinet with a rectangular shaped speaker grooves at the bottom bezel.



### Available Sizes

E-LED 24", 32"

D-LED 39", 43"



**FULL**  
1920 x 1080  
**HD**

**SMARTV**

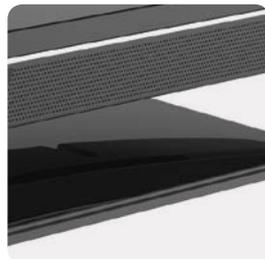


## xx491



### Features

Plastic Front cabinet with a front speaker bottom bezel. Glossy black front cabinet with a dot type speaker holes at the bottom bezel.



### Available Sizes

E-LED 24", 32"

D-LED 39", 43"

**FULL**  
1920 x 1080  
**HD**

**SMARTV**



## xx472



### Features

Plastic Front cabinet with a bezel slimmer than 12mm. Available for both UHD and FHD. Glossy black front cabinet thin silver brushed stripe with a convex shape at the bottom of bezel.



### Available Sizes

**E-LED** 22", 24", 32"

**D-LED** 24", 32", 39", 43", 49", 55"





## xx471



### Features

The bottom bezel area of the VNB front cabinet is divided into areas for; one is ready for hot stamp application and textured one is for different surface reflections.



### Available Sizes

**E-LED** 22", 24", 32"

**D-LED** 24", 32", 39", 39.5", 43", 49", 55"





## xx470



### Features

Plastic Front cabinet with a bezel slimmer than 12mm. Available for both UHD and FHD. Glossy black front cabinet thin rectangular figure with a stripe shape at the bottom of bezel.



### Available Sizes

E-LED 22", 24", 32"

D-LED 24", 32", 39", 39.5", 43", 49", 55"





## xx269



### Features

Steam injection glossy black frame with soft edges. Available for both UHD and FHD. Rounded eye-catcher design details all around the bottom. Chamfer design detail at the bottom of bezel.



### Available Sizes

**E-LED** 22", 24", 32"

**D-LED** 24", 32", 39", 43", 49", 55"





## xx268



### Features

Steam injection glossy black frame with soft edges. Available for both UHD and FHD. Rounded eye-catcher design details all around the top and bottom.



### Available Sizes

E-LED 22", 24", 32"

D-LED 24", 32", 39", 39.5", 40", 43", 49", 55"





## xx299



### Features

Plastic front cabinet with a bezel slier than 12. Available for both UHD and FHD. Hotstamp option on top and bottom of the bezel where the edges have chamfer on both sides.



### Available Sizes

D-LED 32", 39.5", 43", 49", 55"





## xx298



### Features

Plastic front cabinet with a bezel sliver than 12 . Only UHD model. Glossy Black front cabinet with V-shaped silver brushed extrusion at bezel bottom.



### Available Sizes

D-LED 40", 43", 49", 55"





## xx297



### Features

Steam injection glossy black frame with soft edges. Only UHD model. Single hotstamp line design details at the bottom.



### Available Sizes

D-LED 40", 43", 49", 55"





## xx296



### Features

Plastic front cabinet with a bezel sliver than 12 with smooth black option. Only UHD model. Steam injection cabinet with cosmetic recess area at bezel bottom.



### Available Sizes

D-LED 40", 43", 48", 49", 50", 55"





## xx294



### Features

High gloss front cabinet with bezel slier tahn 12 .  
Specially designed hot stamp area at bottom bezel.



### Available Sizes

E-LED 24", 32", 40"

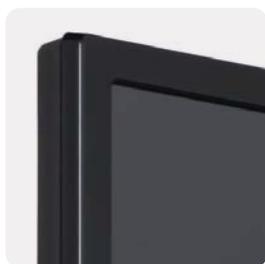
D-LED 24", 32", 40"

**FULL**  
1920 x 1080  
**HD**

**SMARTV**



## xx293



### Features

Steam injection glossy plastic cabinet with narrow chamfers. Only UHD model. Specially designed hotstamp application area at bottom bezel.



### Available Sizes

E-LED 40", 43", 48", 49", 50", 55"



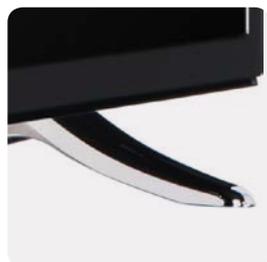


## xx292



### Features

High gloss front cabinet with thickness of 12. Only UHD model. Specially designed hot stamp application area at bottom bezel highlighting the brand logo.



### Available Sizes

E-LED 40", 43", 48", 49", 50", 55"





## xx291



### Features

Steam injection gloss plastic cabinet with thickness of 12 . Brand logo place is specially designed at the bottom line bezel.



### Available Sizes

**E-LED 24", 40"**

**D-LED 24", 32", 40", 48"**

**FULL**  
1920x1080  
**HD**

**SMARTV**

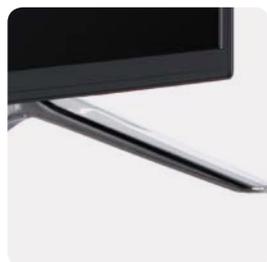


## xx290



### Features

High gloss black steam injection front cabinet. Bezel is leveled with extrusion-intrusion detail for catchy yet simple design.



### Available Sizes

E-LED 32", 40"

D-LED 32", 39.5", 40", 43", 49"

**FULL**  
1920 x 1080  
**HD**

**SMARTV**



## xx289



### Features

Steam injection glossy black frame with soft edges.  
Hotstamp eye-catcher design detail at the bottom.



### Available Sizes

**E-LED** 24", 32", 40"

**D-LED** 24", 32", 40", 43", 48", 50"

**FULL**  
1920x1080  
**HD**

**SMARTV**

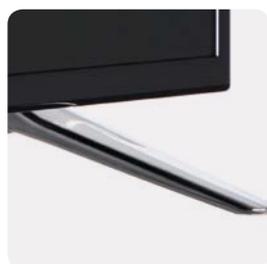


## xx288



### Features

Piano finish glossy black surface without paint out of steam injection. Special section design of the frame with concave and convex lines.



### Available Sizes

**E-LED 24", 32", 40"**

**D-LED 24", 32", 39", 40", 43", 48", 49"**

**FULL**  
1920 x 1080  
**HD**

**SMARTV**



## xx287

### Features



High gloss black steam injection front cabinet with clear cut edges. Overall frame section reveals the high quality of the surface and material with reflections.

### Available Sizes



E-LED 32"

D-LED 32", 39.5", 40", 43", 48", 49"

**FULL**  
1920x1080  
**HD**

**SMARTV**



## xx286



### Features

Steam injection high gloss black unpainted front cabinet with 12 thickness. Chrome hotstamp line highlights the thin bezel design.



### Available Sizes

D-LED 39.5", 40", 43", 48", 49"

**FULL**  
1920 x 1080  
**HD**

**SMARTV**

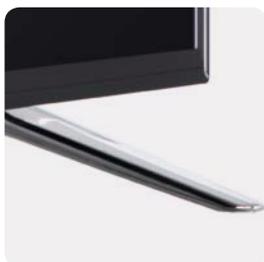


## xx284



### Features

Plastic front cabinet with a bezel slier than 12. Intrusion framing the whole display area creating a shadow and emboss effect around the screen.



### Available Sizes

**E-LED** 22", 24", 32"

**D-LED** 24", 39.5", 40", 43", 48", 49"

**FULL**  
1920x1080  
**HD**

**SMARTV**



## xx282



### Features

Plastic front cabinet with a bezel slier than 12. Triangular formal structure at the bottom bezel.



### Available Sizes

E-LED 22", 24"

D-LED 24", 39.5", 40", 43", 48", 49", 50"

**FULL**  
1920 x 1080  
**HD**

**SMARTV**

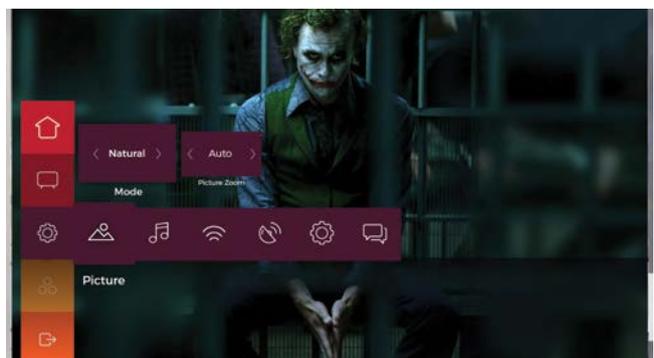


## TECHNOLOGICAL HIGHLIGHTS

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Vestel offers TV models that include the latest technology thanks to its strong R&D capabilities. Vestel Smart TV that includes most popular global contents, specific attractive apps and starring TV features are all presented in broad lineup of Vestel. Moreover, Vestel is expert of multiscreen technologies as wireless display technologies are supported by Vestel Smart Center app that is offered in mobile devices in order to achieve second screen activities simultaneously with Vestel TV. You will be the master of technology as Vestel brings fantastic features into your home..





## SMART TV

Vestel Smart TV allows you to access various internet contents with a simple click on the remote control. Using Smart TV apps, basically, you can stream music, videos and movies in real time from several websites. You can watch the missed episodes of your favorite TV shows via catch up service; you can rent the latest movies or watch internet videos. Moreover, you have access to many online applications in various categories such as news, sports, games, weather, entertainment, social networks

and more. For instance, you can stay connected and the latest updates on your social media accounts. Vestel Smart TV allows you to enjoy your favorite internet contents gathered in one place by making your life designed for your personal preferences while using your Smart TV. While using your Vestel Smart TV, you can browse among apps and access to widgets while you are watching TV at the same time!

### Available Services for Smart TV

- Video
- VOD
- \*Premium VOD
- \*Local content
- \*Rental Video services
- Catch-up

- \*Local TV channels
- Internet Video
- Personal Music Channel
- Social Networking
- Music
- Personal Radio

- Music-on-demand
- Web Radio
- Games
- Information Services
- Weather
- News

## SMART FEATURES

# NETFLIX

Netflix is the most famous and essential VoD provider to watch movies and TV shows over internet connection. Vestel Smart TV enables you to watch thousands of movies and TV shows anytime you want and as much as you want via Netflix service. Having access to incredible world of TV episodes and movies, Vestel Smart TV instantly transforms your living room to a movie theater or a TV studio!

# You Tube

Youtube is the world's biggest and most popular video sharing platform. The latest and greatest music videos, trends and channels are in here. You can also sync your mobile device to the app and enjoy the content. Being the most used app on Smart TVs through out the world, Youtube is essential.



Vestel Smart TV enables you to connect internet in order to perform online operations like you do with your personal computer. Vestel Smart TV includes full open browser feature, so allows you to handle any kind of internet operations from visiting websites to dealing with e-mails. With its user-friendly UI, Open web browser provides you best browsing experience available. Via Vestel air mouse or Vestel Smart Remote app you can benefit from the opportunity of an easier browsing experience.



Prime Video is the Video on Demand service developed, owned and operated by Amazon. It offers television shows and films for rent or purchase as well as a selection of Amazon Studios original content and licensed acquisitions. You can get access to Amazon's carefully curated and steadfastly expanding content with an Amazon Prime or Prime Video Membership. As a close partner of Amazon, Vestel Smart TVs bring the Amazon experience to your living rooms at your fingertips or through your voice!



Vestel HBB (Hybrid Broadband Broadcast) TV feature provides a delightful entertainment to the users through the harmonized variety in broadband and broadcast delivery by extending the reach of multimedia content on your TV set. More entertainment services from broadcasters and online providers such as video-on-demand (VoD), interactive advertising, personalization, voting, games and social networking as well as program related services such as digital text and EPGs will be accessed by end-user.



Freeview Play is another smart portal that Vestel supports which includes BBC iPlayer, ITV, All4 and Demand5. You can enjoy catch up services of these channels via backward EPG, all in one place. Just connect to internet, open your Freeview Play and start watching without a subscription fee.



BBC Sports offers users to access best sport coverage both with live streams and VoD. You can watch live sport events from tennis tournaments to rugby games. Besides, you can watch latest highlights and headlines for these delusive events. Major sport events available come to your home with Vestel Smart TV via BBC Sports.



BBC News provides you latest news and highlights from global journalists. You can quickly find the topic you are interested in as well as reaching the news based on the categories you are interested in.



BBC iPlayer is an online VoD platform including whole TV shows as well as range of video clip contents. You can watch live contents and your favorite TV programs that you missed via BBC iPlayer on your Smart TV. Vestel Smart TV is all you need to meet your expectations from an online TV and radio service by providing you an opportunity to experience devastating entertainment show.

## D T S

Vestel is offering immersive audio experience option using DTS sound systems. DTS is a series of multichannel audio technologies owner. The company is specialized in digital surround sound formats used for both commercial/theatrical and consumer grade applications. DTS licenses its technologies to consumer electronics manufacturers and Vestel is the one of the manufacturers holds DTS license. Why sound matters? Mobile era has changed the consumer needs and content consumption habits. In order to satisfy viewers Vestel is offering higher quality audio, which has less effect on bandwidth and more effect on likeability than picture quality, thanks to the

DTS technologies. DTS 2.0, DTS TruSurround, DTS HD are already equipped with Vestel TVs. Keeping track of enhanced sound system technologies makes us move for newest DTS technologies as well, expecting to offer DTS Headphone X for Vestel TV range.

Experience supreme sound quality thanks to the integrated DTS on Vestel mainboards; enjoy concerts, movies or any sports program with sound excellence.





## MULTI-SCREEN TECHNOLOGY

Vestel Smart TV allows you to use your companion devices (tablet pc and smartphone) by synchronizing them with your Smart TV. Meanwhile, you can build multi-screen system at your home that upgrades you to a higher entertainment level. You can control your Smart TV with your mobile devices wirelessly, you can send multimedia contents from your devices to your TV in order to view them on TV screen and transfer TV stream to your companion devices to watch the stream on device simultaneously.

## Smart center

Vestel Smart Center is a mobile application that provides you a seamless mobile application experience on iOS and Android devices.

Smart Center allows users to perform following features:

- FollowMe TV
- Media Share
- TV Programs and VoD
- Social Media Interaction
- EPG via Gracenote
- Portal Launcher
- TV Control



### **Wireless display**

Wireless display feature allows mirroring the screen of your compatible Android device to stream videos up to 1080p on your Vestel Smart TV. While you are streaming a video on your smartphone, you can simultaneously mirror the screen of Android device on your wider Smart TV screen to enjoy detailed and higher quality pictures on TV without using any cable. Moreover, it is possible to send up to 5.1-surround sound that enables you to experience high quality sound as well. Besides, you can just share the home screen of your device, to scroll between the apps on your Android device. Directly connect mobile device to your TV and get a new perspective on sharing! Besides, wireless display technology allows users to send stream, photos, music, videos and apps from compatible Intel based

PCs or portable devices to your wireless display compatible Vestel TV wirelessly. You can send up to 1080p video and 5.1 surround sound and have the opportunity to display the stream or multimedia contents on the bigger screen of TV with excellent picture and sound quality. You don't have to stick to little screen of your PC or portable device anymore. Just enjoy the new entertainment experience on your TV!



### EPG via gracenote

EPG (Electronic Program Guide) data provides necessary information to viewers about TV broadcast programming and program schedule for current and upcoming programs. Via Gracenote, Smart Center app will provide you broadcast schedule data and you will be aware of TV programs in details such as cast and crew. Moreover, you will be able to set reminders to watch your favorite programs as well as recording on time schedule of programs based on EPG data.



### TV control: voice control, touchpad, keyboard and remote

You don't need your classical remote anymore! Via Smart Center, there are many options to control your TV over your mobile device. By using remote control panel on your mobile device; you can use your device as classical remote control. Moreover, you can use keyboard option while searching on internet. While using open browser, you can turn your mobile device into a touchpad controller. Attractively, you can give voice commands over Smart Center to control some features of your Smart TV.



### Followme TV

Do you have to do some work in kitchen and want to continue to watch your favorite program? Smart Center allows viewers to deliver the video stream from Smart TV to tablet pc. While watching your favorite program, just transfer the broadcast to your mobile device. You can take your mobile device with you and continue to watch your favorite program in your kitchen!



### Social media interaction

You can follow and send program related tweets or like your favorite programs on Facebook while watching your favorite TV program on your Vestel Smart TV. This way, you can connect to people all over the world that have the same delight with you!



### TV programs and vod (video-on-demand)

Viewers can browse TV channels, search movies or on-demand services on Smart Center. You can arrange your favorite TV channels, you can see the details of your favorite program and watch videos by using VoD that are related to your favorite TV program on internet.



### Media share

Via Smart Center, it is possible to send music, pictures and videos from your mobile device to your Smart TV TV by swiping over DLNA protocol and view them full size on your Smart TV to enhance your viewing experience. For instance, you can display your holiday photos together with your family on your big screen quality Smart TV with a simple swipe movement.



### Portal launcher

Viewers can launch Smart TV Apps from personal tablet PC. Without using classical remote control, via Smart Center, you can connect your mobile device to your TV and directly launch various Smart TV apps and open browser by using your mobile device.



### VCAST

You can use your phone, tablet, or computer to control supported applications on TV. This feature of Youtube application helps the user to connect their personal accounts to their Smart Tv only with a few clicks. You will have the comfort and efficiency of your mobile devices while watching the content desire on your Smart Tv. Just make sure your phone, tablet, or computer is connected to the same Wi-Fi network as your TV device. You also have the option to link with a TV code.



### Smart remote

Vestel Smart Remote makes it easier to use and control your Smart TV. Smart Remote app allows you to use your tablet pc and smartphone as substitutes of traditional remote controller. You can control your Smart TV by using different mode options: Remote buttons, Keyboard, Mouse, Gesture and Voice! Integration of these modes in single app allows you flexibility for a simpler user experience.



### Remote buttons

Traditional remote control buttons are integrated into Smart Remote app. Therefore, you can use your Tablet PC and smartphone as a remote controller. Traditional mode is provided in an extreme technological style!



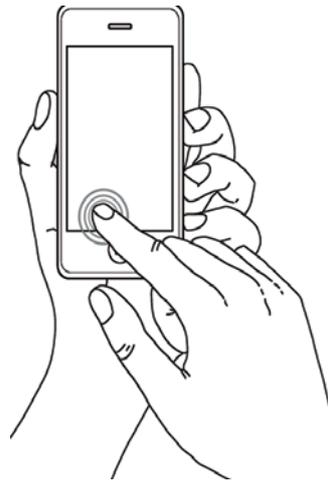
### Keyboard

You don't need remote controller or an extra keyboard in order to text on your TV. Just use the keyboard on your Tablet PC and smartphone to give textual contents on internet browser.



### Voice

You can control your Smart TV by giving different voice commands to your Tablet PC and smartphone. What an easy way of controlling!



### Touchpad mouse

You can use your Tablet PC and smartphone as a touchpad mouse to control the mouse pointer on your Smart TV.



### Gesture

You can control your Smart TV by applying directional motions on gesture area on your companion devices.



## FEATURES

### Dual triple tuner

Vestel UHD TV's includes Dual Tuner that helps you to watch different programs at the same time. Besides, screen sharing with your mobile device thanks to dual tuner enables you to tune two different TV channels on your mobile device and TV at the same time. Similarly, thanks to one watch and one record option, you will be able to record your second favorite program while watching your most favorite one. You will never miss a second of your favorite programs!

### Dolby

Vestel is offering immersive audio experience option using Dolby sound systems. Experience supreme sound quality thanks to the integrated Dolby on Vestel mainboards which are Dolby Digital Plus (DD+), MS12 takes you to another dimension which you have never experienced before.



### Advanced EPG via gracenote

Vestel TV will provide you broadcast schedule data in details on TV menu and you will be aware of TV programs in details. Thanks to the data coming via Gracenote, you can display information about cast and crew together with the information about day and time of the broadcast. Your Vestel TV there for you to make you aware of your favorite programs and to enhance your entertainment experience!

### HEVC (H.265)

Vestel UHD TV's includes HEVC decoder that provides you high level UHD based capabilities while using your TV. Thanks to HEVC compatibility, you can easily play 4K UHD content directly from USB input of TV using USB media player. Besides, your UHD TV is able to 4K UHD broadcast directly from tuner. Your Vestel UHD TV is a perfect unique system to enjoy UHD world.

### Internal subwoofer

Vestel TV's internal subwoofer option helps you to get incredible level of sound with an extreme audio output support to sound speakers. Hearing and feeling the power and purity of bass sound, all you have to do is listening and enjoying the perfect sound environment created by Vestel TV!

### Custom bootlogo

Custom Bootlogo feature allows you to choose your favorite photo such as your family photo, favorite nature photo and more for the opening screen of TV. Meanwhile, customization opportunity will make your TV exclusive for you!



### Bluetooth

Vestel Smart TV's Bluetooth feature helps you to connect you accessories to your TV via Bluetooth. You can connect your headphones, sound systems, compatible 3D glasses and Vestel Touchpad remotes to enrich your TV using experience. Bluetooth feature completely changes your classical TV using habits and a true item for you to multiply the joy you have while watching TV!



DLNA certified Smart TV is able to build a technology center at your home since it allows connection to other DLNA certified devices over your home network wirelessly or with cable. You can display multimedia contents such as your family photos, music of your favorite band and videos from the party with your friends that are stored on your DLNA certified computer and phone on TV screen. You don't only share contents among devices but also share your emotions with people at home thanks to your Vestel Smart TV which stages a stunning multimedia show.



**Motion Rate**

Motion Rate is the measurement of how your Vestel TV can display actively moving images in the best and the fastest way. With higher levels of Motion Rate feature, you can experience the dynamic way of watching while watching your favorite sports game or favorite action movies. Vestel TV will make you feel dynamism of pictures running through your veins!



CI+ is a technical specification that is based on DVB-CI Standard and comes up with additional features for the electronic devices that are compatible with CI+ such as set-top-boxes. CI+ allows conditional access to function via CAM (conditional access module) instead of using a separate digital receiver or decoder.

That is to say, you will have access to wide range of Pay TV services via plug-in CI+ module if CI+ is supported by Pay TV provider.



Through HDMI 2.0, you can experience the combination of pure sound and excellent visual content on your TV set. HDMI 2.0 is perfect and fastest source to transfer multimedia contents (video and audio) by providing clear pictures and clean sounds which results in an amazing user experience.

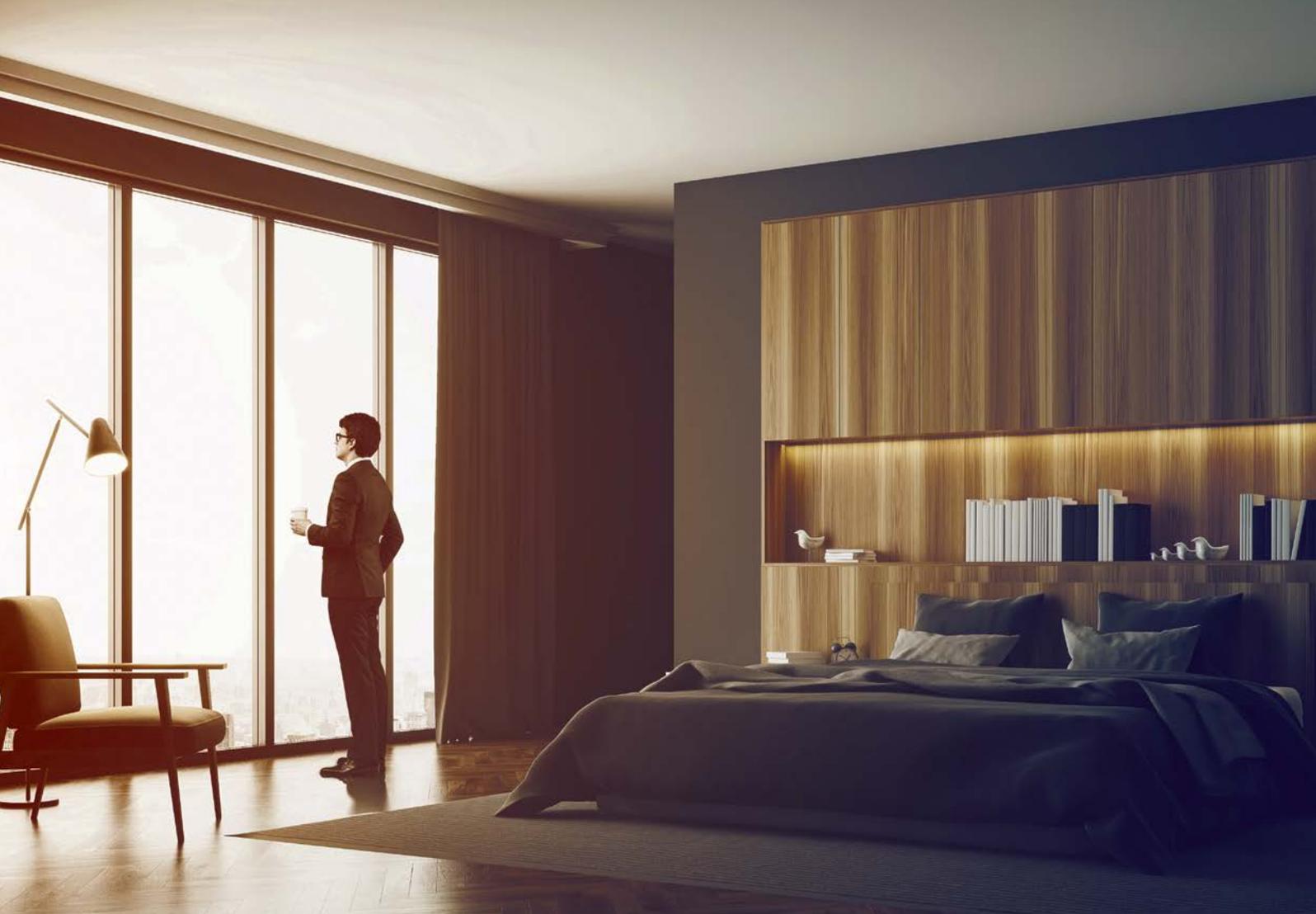
HDMI 2.0 provides, perfect source for potential UHD content and connection of various electronic devices to your TV set using only one compatible cable.



There may be times that you are not available to watch your favorite TV show or a movie genre that you would enjoy watching. Luckily, your Smart TV can record your favorite program and programs that would be compatible with your personal joy. Later, the programs that are recorded will be reencoded. Smart TV gives you a friendly present by recording and offering TV programs that address your joy.



USB allows easy connection of external storage devices directly to your TV set. Via USB you can quickly connect external storage and access digital contents such as image files, video files and audio files. Simply connect your external memory source to USB port of Vestel TV to watch your favorite movies or to display photos that are stored on big screen of TV instead of being obliged to display these contents on the small screen of your computer. Plug yourself in bigger screen for higher pleasure!



### Basic hotel mode

Basic hotel mode is particularly configured mode which makes usage of TV more specific and more accurate for coercial TV business branches thanks to the features it includes. Some basic features provide enhanced differentiation and to the point meet of expectations in hospitality applications which can be accessed via special controller combination.



### Welcome screen

Coercial logo, message or default pictures can be used and displayed at the start-up of TV. These can be displayed if the hotel mode is enabled. This feature allows you to benefit from customization at the high levels.



### Start-up position

This feature allows you to specify the starting channel when TV is switched on.



### **Osd disable on/off**

OSD disable allows you to control TV settings and prevents guests from changing the installation settings. Users cannot reach channel table or installation menu and that means channel list and installation settings cannot be changed.

### **Wake-up alarm**

In hotel mode, guests can set a wake-up time and TV can automatically wake up at the desired time and an alarm rings to wake you up. Concurrently, welcome image is shown on the screen while alarm is ringing.

### **Volume limit and fixed volume value**

You can set the maximum and minimum values as you wish. If you set volume limit, you set the maximum value the volume can have. Moreover, when fixed volume enable is on, volume cannot be set to a value other than the fixed volume value.

### **Last status**

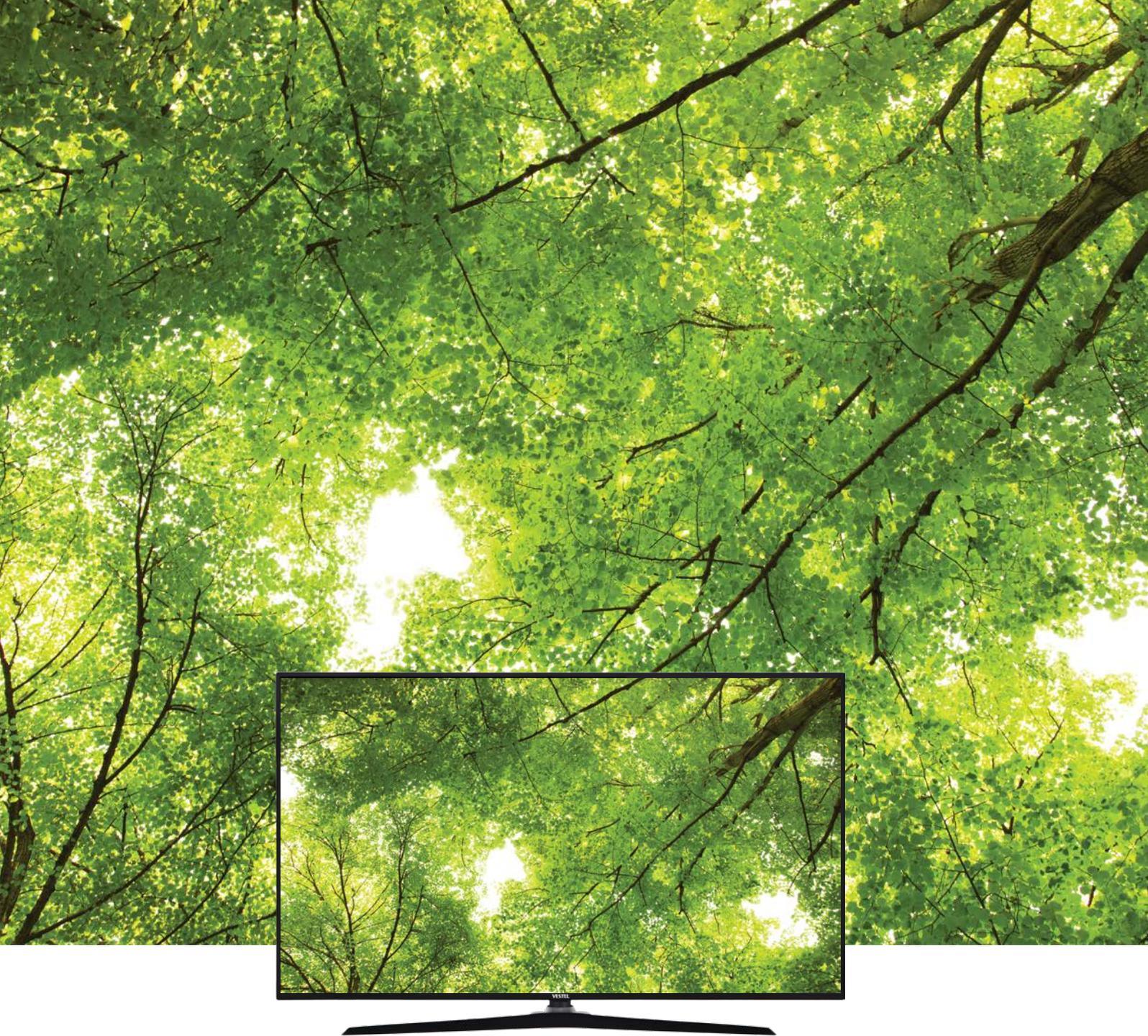
When 'last status' feature is set to on, this feature enables TV to open with the closing status. Otherwise, TV opens with standby status.

### **Usb cloning**

USB cloning allows you to copy the settings of one TV to all other TV units in an easier way. For instance, you can copy the settings or channel list of one TV to high amounts of TV by using USB cloning. By this way, you can simply standardize all TVs without spending a lot of time. Helpful USB cloning feature prevents you from dealing with time-consuming installations and makes your life easier.

### **Anti-theft battery cover**

The anti-theft battery cover is a simple screw lock providing a fool-proof security to prevent the remote control battery from being stolen. It just makes your life easier.



### **Energy saving**

With convenient design and latest technologies applied, your TV tends to consume less energy in order to meet energy efficiency standard. Paying attention to energy efficiency issues, your TV truly cares about you and work to build a 'brighter' future for you.

### **Power board**

Application of power safe mode and effective power efficiency usage prevents your TV from unnecessarily excess power consumption in order to contribute energy saving.

### **Panel Design**

LED Lighting systems used while building TV anticipate the effective selection and placement of LEDs in order to enhance energy efficiency levels by consuming less power.

### **Mainboard**

Advanced technology applied in new mainboard designs that are used, allows TV to consume less energy by ensuring the optimum harmony between lighting system and signal distribution that is achieved by mainboard.



## DVB-T2/C/S2<sup>®</sup>

### DVB-T + C, DVB-T2 and DVB-S2

DVB-T+C is the abbreviation for Digital Video Broadcasting-Terrestrial and Cable. Vestel TV employs the integration of terrestrial tuner and cable tuner which allows TV set to receive digital terrestrial and cable broadcasts as well as traditional analog signals. Viewers can eliminate the set-top box and Pay TV receiver because of the availability of CI+ module slot.

DVB-T2 that stands for Digital Video Broadcasting-Second Generation Terrestrial is the most advanced digital terrestrial broadcast system. Vestel TV includes a DVB-T2 tuner and allows TV to receive both standard and high definition terrestrial broadcasts without using a set-top-box or a Pay TV receiver.

DVB-S2 corresponds to Digital Video Broadcasting-Second

Generation Satellite that provides digital satellite broadcasts. Vestel TV that is equipped with a DVB-S2 tuner enables user to watch both standard definition and high definition satellite broadcasts without the necessity for a set-top-box.

Country Based Approved Operators	Terrestrial DVB-T	Terrestrial DVB-T2	Cable DVB-C	Satellite DVB-S/S2
Australia				
Austria				
Belgium			 	
Croatia				
Czech				
Denmark				
Finland		 		
France				
Germany			 	
Ghana				
Greece				
Hungary	 			
Ireland				

Country Based Approved Operators	Terrestrial DVB-T	Terrestrial DVB-T2	Cable DVB-C	Satellite DVB-S/S2
Italy		   		 
Netherlands			 	
New Zealand				
Norway				
Poland				
Romania				
Slovakia				
Spain				
Serbia		<p>Digital TV Coming soon</p>		
Sweden			 	
Switzerland				
Turkey		DVB-T2 RTUK		 
UK		 		



## ACCESSORIES

### ELDER REMOTE

Simple remote has a new design with new features. It is the most practical way of controlling your daily standard TV activities with lesser number of buttons. After configuring system settings of your TV with standard remote, the rest could be easily managed by this 18 button RC. Select your source, navigate between channels and do simple operations with bigger buttons.

### USB WIFI ADAPTER

You don't need extra Ethernet cables in your living room anymore while using your Vestel Smart TV. USB Wifi adapter allows you to connect your TV to internet wirelessly. All you need to do is plug in your Wifi adapter to your Smart TV and enjoy wireless connection over your home network.

### AIR MOUSE

Air Mouse is enjoyable and easy way of controlling your Smart TV to live an amazing user experience. You can perform 2 control options by using your Air Mouse wirelessly: Point and Gesture!

**Point:** Discover the simple way of using Smart TV and internet. Simply point, click, enter any content or move anywhere on your Smart TV.

**Gesture:** You don't have to spend more time for movement on menus. Air Mouse enables you to zoom in and out by moving back and forth while holding OK button.





## SMART HOME READY TV



### Smart Pack

A Simple way to make your home smart. Connect and live easy with Vestel Smart Home Solution. Use your Vestel Smart tv as face of your smart home. You can control all of your sensors, devices and scenerios via your Vestel Smart TV. You can get notifications while watching any content from your TV. Pack is designed for easy setup without any cables.

### Smart Home Ready TV App

It connects your devices and sensors with your smart devices such as smartphone and tablet. You can connect to your smart hub where ever you are.

### Door Sensor

It activates the alarm and system gives you notification when intruder breaks into your house.

### Siren

It acts as deterrent by giving loud noise and light.



### Motion Sensor

It gets activated by the movement and sounds the alarm. IT can be added to any scenario.

### Smart Dongle

Acts as hub devices connected to the tv which enables you to control your system via your Vestel Smart TV.

### Smart Plug

You can control all electronical devices by smart plug from your tv and smartphone. It can be added to the scenarios and automatically controlled by the hub.

### Keyfob

It controls security scenario by activating and deactivating. You can also manually sound the alarm via the alarm button on keyfob. You can easily enter or leave your home without using your smart app by controlling security scenarios.

## STAND DESIGNS



xx115



xx135



xx180



xx165



xx182



xx185



xx240



xx260



xx265



xx275



xx280



xx400



xx405



xx407



xx408



xx409



xx410



xx415



xx416



xx417



xx420



xx421



xx422



xx423



xx425



xx427



xx428



xx465



xx501



xx502



xx985



xx980



xx300



xx301



xx302



xx303



xx304



xx305



xx306



xx307



xx308



xx309



xx310



xx311



xx313



xx316



xx325



xx326



xx328

## REMOTE CONTROLS



RC 4800 (transparent)



RC 4849 B



RC 4875 W



RC 4875 B



RC 4870



RC 4876 B



RC 4876 W



RC 48105



RC 4891



RC 5118



RC 49130



RC 4995



RC 1501



RC 1835



RC 4319



RC 2218



RC 4391



RC 4390



RC 2290



RC 43137



RC 22137



RC 43100



RC 43101



RC 43136



RC 43137



RC 43138

## 2018 AWARDS



**Plus X Award for High Quality, Design, Ease of Use and Functionality**  
NINA TV

**Plus X Award for High Quality, Design and Ease of Use**  
Venus V5 5.0"

**Plus X Award for Design and Ease of Use**  
RCA 49140

**Plus X Award for Design**  
DVB 3015



**REDDOT Design Award**  
\* Borderless TV 65560  
\* Era RC43135

reddot design award



**Plus X Award for High Quality, Design, Ease of Use and Functionality**  
Add'on Wallpaper TV

**Plus X Award for High Quality, Design, Ease of Use and Functionality**  
Glass'on Wallpaper TV



**Most Innovative Brand Award**  
Consumer Electronics Category



**DIA Special Award**  
Vestel Envo Electric Vehicle Charger

## 2017 AWARDS



**Plus X Award for High Quality, Design, Ease of Use and Functionality**  
VENUS Z10 Smart Phone High Glass TV stand

**Plus X Award for High Quality, Design and Functionality**  
Space Age Settop box Rolls Settop box

**Plus X Award for Innovation, High Quality and Design**  
SylphTV

**Best Product of The Year**  
Vega Settop box Rolls Settop box High Glass TV Stand Vestel 98" 8K UHD TV 55" Curved OLED TV

**Best Design Brand of the Year 2016-2017**  
in Telecommunication Product Group

**Most Innovative Brand of The Year 2017**  
in Telecommunication Product Group



**REDDOT Design Award**  
Envo Electric Vehicle Charger

reddot design award

## 2016 AWARDS



**Gold A Design Award**  
Swing 65" Uhd Tv



**Silver A Design Award**  
Vdrop 55" Uhd Tv  
Twin Tower 65" Uhd Tv  
Venus Leo Smartphone  
Venus Vega 5,7" Smartphone



**Plus X Award for Design and Ease of Use:2**  
RC 49100

**Plus X Award for High Quality and Ease of Use:2**

**Plus X Award for High Quality, Design and Ease of Use:12**  
REYS Smart Phone  
XX400 LED TV  
XX405 LED TV

**Plus X Award for Innovation, High Quality, Design and Ease of Use:12**  
55" FLAT OLED  
55" CURVED OLED

**Plus X Award for Innovation, High Quality, Design, Ease of Use and Functionality:5**



**DESIGN TURKEY**  
RC 39100  
Envo Elektric Vehicle Charger  
XX320 Curve LED TV V3DYNO



**Good Design Product Award**  
LINEA OLED DESIGN

## 2015 AWARDS



**Gold A Design Award**  
Venus 3R 5" Smart Phone  
Kahveci Turkish Coffee Machine



**Silver A Design Award**  
Venus Polychrome Smart Phone  
Envo Electric Vehicle Charger



**Bronze A Design Award**  
Venus 3R 5.5" Smart Phone



**Plus X Award for Design**  
Envo electric vehicle charger  
Kahveci Turkish Coffee Machine  
Lal Turkish Coffee Machine  
Sade Turkish Coffee Machine



**Plus X Award for Design and Ease of Use**  
Repubblica remote control  
RC38100 remote control  
Venus 3R 5" Smart Phone  
Venus 3R 5.5" Smart Phone  
Venus Polychrome Smart Phone



**Plus X Award for High Quality, Design and Ease of Use**  
55330 Slim Edge Led TV  
55360 Slim Art Led TV

## 2014 AWARDS



**Platinum A Design Award**  
Glasson Smart Phone



**Gold A Design Award**  
LaCourbe Curved Led TV



**Silver A Design Award**  
Curvelinea Curved Led TV  
Daphne Smart Phone  
Shadow Smart Phone Eckig  
Breakfast Set  
Icon Breakfast Set



**Bronze A Design Award**  
7" Venus tablet  
10" Venus tablet



**Best Product of The Year**  
Chopin  
4K UHD Media Player  
(best set top box of the year)  
65240 LED TV  
(best LED TV of the year)  
RC 1600 Remote Control



**Plus X Product Award**  
Vestel Venus Shadow  
Smart Phone (5.0X, 5.5X)  
Vestel Venus Glass  
On Smart Phone (5.0V, 5.5V)  
Vestel Venus Daphne  
Smart Phone (4.5)  
RC 1600 Remote Control  
Igor 4K UHD Media player  
Chopin 4K UHD Media player  
Bartok 4K UHD Media player  
Vivaldi 4K UHD Media player  
Verdi 4K UHD Media player  
65240LED TV55310 LED TV

## 2013 AWARDS



**IF Design Award 2013**  
XX134Serio BMS LEDTV



**REDDOT 2013 - RC4825**  
Taction Remote Control

reddot design award



**Gold A Design Award**  
Golden TV  
A Design XX265 LED  
Award TV  
XX240 LED Avoi Set Top  
TV Box  
XX250 LED



**Silver A Design Award**  
Bent Customizable  
All-in-One PC



**Bronze A Design Award**  
Tria Set Top Box  
Nose Set Top Box  
Stiletto remote control



**GERMAN Design Award**  
Eidolon DV8  
32130 BMS LED TV  
Totem FemtoCell STB  
Plano Remote Control



**Best Product of The Year**  
Curl All-in-One PC  
Nose Set-Top-Box



**Plus X Award 2013**  
Most Innovative Brand  
of the Year 2013  
In Home-Video

**PlusX Product Award**  
Stiletto TV Remote Control  
RC4860 TOPPO Rem. Cont.  
RC4855 BOTUP Rem. Cont.  
LURE Set-top-box  
NOSESet-top-box  
RC4825 Taction Rem. Cont.  
AVOI Set-top-box  
Tria Set-top-box  
Trio Set-top-box  
XX270 LEDTV  
XX242 LED BMS SNB TV  
XX241 LED BMS SNB TV  
XX240 LED BMS SNB TV  
XX170 La Torre LED TV  
XX243 LED BMS SNB TV  
XX252/XX260/XX265 LED TV  
Bent All-in-One PC  
WAVE All-in-One PC  
CALC-key Computer Keyb.  
CURL All-in-One PC



S P E C I F I C A T I O N S

Cabinet	22"	24"	28"	32"	38.5"	39"	39.5"	40"	43"	48"	49"	50"	55"	65"	75"
XX240 SNB				E											E
XX260 VNB		ED	ED	ED		D		D		D					
XX265 VNB			ED			D				D		D			
XX268 VNB	E	ED		ED		D	D	D	D		D			D	
XX269 VNB	E	ED		ED		D		D	D		D			D	
XX270 VNB		ED	ED					D		D		D			
XX272 VNB			ED			D		D		D			D		
XX273 VNB	E	ED	ED			D		D		D			D		
XX274 VNB	E	ED	ED			D		D		D			D		
XX275 VNB			ED					D						D	
XX276 VNB	E	ED	ED			D				D			D		
XX277 VNB		ED							D		D	D			
XX278 VNB		ED		ED				D	D		D	D			
XX279 VNB		ED		ED				D	D		D				
XX280 VNB		ED						D	D		D				
XX281 VNB								D							
XX282 VNB							D	D	D	D	D	D			
XX283 VNB	E	ED					D	D		D	D	D			
XX284 VNB	E	ED		ED			D	D	D	D	D				
XX285 VNB							D	D	D	D	D				
XX286 VNB							D	D	D	D	D				
XX287 VNB		D		ED			D	D	D	D	D			D	
XX288 VNB		ED		ED		D		D	D	D	D			D	
XX289 VNB		ED		ED				D	D	D		D	D		
XX290 VNB				ED			D	D	D	D	D			D	
XX291 VNB		ED		ED				D		D					
XX292 VNB								D	D	D	D	D	D		
XX293 VNB								D	D	D	D	D	D		
XX294 VNB		ED		ED				D		D					
XX296 VNB								D	D	D	D	D	D		
XX297 VNB								D	D		D			D	
XX298 VNB								D	D		D			D	
XX299 VNB				D			D		D		D			D	
XX400 UNB								D	D		D	D	D	D	D
XX405 UNB								E	E		E			E	
XX415 UNB								E	E		E			E	
XX466 OLED														O	O
XX470 VNB	E	ED		D		D	D		D		D			D	
XX471 VNB	E	ED		ED		D	D		D		D			D	
XX472 VNB	E	ED		D		D			D		D	D		D	
XX491 VNB				D					D						
XX492 VNB				D					D						
XX500 VNB					D				D		D	D	D		
XX501 VNB	E	ED		D			D	D	D		D	D	D		
XX502 VNB	E	ED		D	D	D	D	D	D		D	D	D		
XX503 VNB	E	ED		D			D	D	D		D	D	D		
XX504 VNB		ED		D		D			D		D			D	
XX505 VNB	E	ED		D	D	D		D	D		D			D	
XX506 VNB	E	ED		D		D		D			D			D	
XX507 VNB	E	ED		D					D		D			D	
XX550 VNB									D		D	D	D		
XX551 VNB															
XX552 VNB															
XX553 VNB															
XX554 VNB															
XX560 Borderless														E	E

Tv Specifications	HD/FHD Non Smart Mainboard MB140									
	22"	24"	28"	32"	39"	40"	43"	48"	49"	50"
Main features										
Full hd	•	-	-	o	o	•	•	•	•	•
Dvb-t mpeg2	•	•	•	•	•	•	•	•	•	•
Dvb-c mpeg2	•	•	•	•	•	•	•	•	•	•
Dvb-s mpeg2	o	o	o	o	o	o	o	o	o	o
Dvb-t mpeg4	•	•	•	•	•	•	•	•	•	•
Dvb-c mpeg4	•	•	•	•	•	•	•	•	•	•
Dvb-s mpeg4	o	o	o	o	o	o	o	o	o	o
Dvb-t2 mpeg4	o	o	o	o	o	o	o	o	o	o
Dvb-s2 mpeg4	o	o	o	o	o	o	o	o	o	o
Hevc (h.265)	o	o	o	o	o	o	o	o	o	o
Isdb-tb	-	-	-	-	-	-	-	-	-	-
Tv-dvd player combi	o	o	o	o	-	o	o	-	-	-
Media player	•	•	•	•	•	•	•	•	•	•
Pvr ready (usb record)	o	o	o	o	o	o	o	o	o	o
Hdmi (1.1/1.2/1.3/1.4/2.0)	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
Reception & tuning systems										
Tuner vhf/uhf/cable	•	•	•	•	•	•	•	•	•	•
Aps/ats (auto search)	•	•	•	•	•	•	•	•	•	•
Pal secam b/g d/k i/i' (tri standart)	•	•	•	•	•	•	•	•	•	•
Sound										
Ger(d) + nicam stereo	•	•	•	•	•	•	•	•	•	•
Ms11	•	•	•	•	•	•	•	•	•	•
Dts trusurround	o	o	o	o	o	o	o	o	o	o
Dts hd	o	o	o	o	o	o	o	o	o	o
Surround sound	•	•	•	•	•	•	•	•	•	•
Audio output power(rms)	2x2.5W	2x2.5W	2x6W	2X6W	2X8W	2X8W	2X8W	2X8W	2X8W	2X8W
Subwoofer audio output max power (rms)	-	-	-	-	-	-	-	-	-	-
Connectors										
Rf: tv/catv 75 ohms coaxial	•	•	•	•	•	•	•	•	•	•
Scart (euroconnector)	1	1	1	1	1	1	1	1	1	1
Svhs via scart	•	•	•	•	•	•	•	•	•	•
Composite video/audio in	•	•	•	•	•	•	•	•	•	•
Audio line out via headphone	•	•	•	•	•	•	•	•	•	•
Ypbpr in via vga	•	•	•	•	•	•	•	•	•	•
Vga (pc in: d-sub15)	•	•	•	•	•	•	•	•	•	•
Pc audio in	via Side AV	via Side AV	via Side AV	via Side AV	via Side AV	via Side AV	via Side AV	via Side AV	via Side AV	via Side AV
Hdmi (default/optional)	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
Hdep (1.2/2.0/2.2)	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
Digital audio output (coaxial)	•	•	•	o	-	-	-	-	-	-
Digital audio output (optic)	-	-	-	o	•	•	•	•	•	•
Headphone out (main volume control)	•	•	•	•	•	•	•	•	•	•
Internal subwoofer	-	-	-	-	-	-	-	-	-	-
Usb 2.0 (Default/optional)	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1
Lan-ethernet (ieee 802.3) Rj45	-	-	-	-	-	-	-	-	-	-
Smart port-interactive ready hotel tv app.Rj12	-	-	-	-	-	-	-	-	-	-
Rs232 (in/out) (d-sub 9)	via SCART	via SCART	via SCART	via SCART	via SCART	via SCART	via SCART	via SCART	via SCART	via SCART
Picture										
Zoom modes (aspect ratio)	•	•	•	•	•	•	•	•	•	•

Tv Specifications	HD/FHD Non Smart Mainboard MB140									
	22"	24"	28"	32"	39"	40"	43"	48"	49"	50"
<b>Connectors</b>										
Dynamic contrast	•	•	•	•	•	•	•	•	•	•
Progressive scan	•	•	•	•	•	•	•	•	•	•
<b>Additional features</b>										
Usb cloning	o	o	o	o	o	o	o	o	o	o
Feature osd	o	o	o	o	o	o	o	o	o	o
E-ib	-	-	-	-	-	-	-	-	-	-
<b>Digital (dwb)</b>										
Menu languages	Danish, German, Estonian, English, Spanish, Greek, French, Gaelic, Gallegan, Croatian, Italian, Latvian, Lithuanian, Luxembourgish, Hungarian, Dutch, Norwegian, Polish, Portuguese, Russian, Romanian, Albanian, Slovenian, Slovak, Serbian, Finnish, Swedish, Turkish, Czech, Ukranian, Bulgarian, Arabic, Persian, Hebrew, Belarussian, Flemish, Macedonian, Montenegrin, Kazakh,									
Epg (electronic program guide)	•	•	•	•	•	•	•	•	•	•
Epg timeline schedule	•	•	•	•	•	•	•	•	•	•
Common interface (pcmcia slot for pay channels)	•	•	•	•	•	•	•	•	•	•
<b>Dvd features</b>										
Cd compatible playback	•	•	•	•	-	•	•	-	-	-
Dvd compatible playback	•	•	•	•	-	•	•	-	-	-
Cd-r compatible playback	•	•	•	•	-	•	•	-	-	-
Cd-rw compatible playback	•	•	•	•	-	•	•	-	-	-
Dvd-r compatible playback	•	•	•	•	-	•	•	-	-	-
Dvd-rw compatible playback	•	•	•	•	-	•	•	-	-	-
Mp3 compatible playback	•	•	•	•	-	•	•	-	-	-
Divx compatible playback (divx formats)	o	o	o	o	-	o	o	-	-	-
Dvd+r	•	•	•	•	-	•	•	-	-	-
Dvd+rw	•	•	•	•	-	•	•	-	-	-
Cd-audio	•	•	•	•	-	•	•	-	-	-
Kodak picture cd	•	•	•	•	-	•	•	-	-	-
Stil/slow/search playback	•	•	•	•	-	•	•	-	-	-
J-peg image compatible playback	•	•	•	•	-	•	•	-	-	-
Multiple language options	•	•	•	•	-	•	•	-	-	-
Multiple camera angles	•	•	•	•	-	•	•	-	-	-
Playback zoom	•	•	•	•	-	•	•	-	-	-
Parental settings	•	•	•	•	-	•	•	-	-	-
Region	•	•	•	•	-	•	•	-	-	-
Return to factory settings	•	•	•	•	-	•	•	-	-	-
Software update with boot disc	DVD	DVD	DVD	DVD	-	DVD	DVD	-	-	-
<b>Communication</b>										
Cec (connected equipment features via hdmi)	•	•	•	•	•	•	•	•	•	•
<b>Operation</b>										
Power supply	220-240V AC	220-240V AC	220-240V AC	220-240V AC	220-240V AC	220-240V AC	220-240V AC	220-240V AC	220-240V AC	220-240V AC
Stand-by power	<0.5W	<0.5W	<0.5W	<0.5W	<0.5W	<0.5W	<0.5W	<0.5W	<0.5W	<0.5W
Ac/dc tv (mobil tv)	o	o	-	-	-	-	-	-	-	-
Supplied extras (related to cabinet and concept)										
Wall hanging kit	o	o	o	o	o	o	o	o	o	o
<b>Certificates</b>										
Weee compliant	•	•	•	•	•	•	•	•	•	•
Rohs compliant	•	•	•	•	•	•	•	•	•	•

- Default
- o Optional
- •/A

Specifications are subject to change without prior notice.

Tv Specifications	HD/FHD Smart Mainboard 211S									
	22"	24"	28"	32"	39"	40"	43"	48"	49"	50"
<b>Main Features</b>										
Full Hd	•	o	-	o	o	•	•	•	•	•
Dvb-T Mpeg2	•	•	•	•	•	•	•	•	•	•
Dvb-C Mpeg2	•	•	•	•	•	•	•	•	•	•
Dvb-S Mpeg2	o	o	o	o	o	o	o	o	o	o
Dvb-T Mpeg4	•	•	•	•	•	•	•	•	•	•
Dvb-C Mpeg4	•	•	•	•	•	•	•	•	•	•
Dvb-S Mpeg4	o	o	o	o	o	o	o	o	o	o
Dvb-T2 Mpeg4	•	•	•	•	•	•	•	•	•	•
Dvb-S2 Mpeg4	o	o	o	o	o	o	o	o	o	o
Hevc (H.265)	•	•	•	•	•	•	•	•	•	•
Media Player	•	•	•	•	•	•	•	•	•	•
Pvr Ready (Usb Record)	o	o	o	o	o	o	o	o	o	o
Hdmi (1.1/1.2/1.3/1.4/2.0)	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
<b>Reception &amp; Tuning Systems</b>										
Tuner Vhf/Uhf/Cable	•	•	•	•	•	•	•	•	•	•
Pal Secam B/G D/K I/I' (Tri Standart)	•	•	•	•	•	•	•	•	•	•
Ntsc	-	-	-	-	-	-	-	-	-	-
Dual Tuner	-	-	-	-	-	-	-	-	-	-
<b>Sound</b>										
Ger(D) + Nicam Stereo	•	•	•	•	•	•	•	•	•	•
Ms11	•	•	•	•	•	•	•	•	•	•
Dts Hd	o	o	o	o	o	o	o	o	o	o
Surround Sound	•	•	•	•	•	•	•	•	•	•
Audio Output Power(Rms)	2x2.5W	2x2.5W	2x6W	2X6W	2X8W	2X8W	2X8W	2X8W	2X8W	2X8W
Subwoofer Audio Output Max Power (Rms)	-	-	-	-	-	-	-	-	-	-
<b>Connectors</b>										
Rf: Tv/Catv 75 Ohms Coaxial	•	•	•	•	•	•	•	•	•	•
Composite Video/Audio In	•	•	•	•	•	•	•	•	•	•
Audio Line Out Via Headphone	•	•	•	•	•	•	•	•	•	•
Ypbpr In Via Vga	o	o	o	o	o	o	o	o	o	o
Vga (Pc In: D-Sub15)	•	•	•	•	•	•	•	•	•	•
Pc Audio In	via Back AV	via Back AV	via Back AV	via Back AV	via Back AV	via Back AV	via Back AV	via Back AV	via Back AV	via Back AV
Hdmi (Default/Optional)	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
Hdcp (1.2/2.0/2.2)	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
Digital Audio Output (Coaxial)	•	•	•	o	-	-	-	-	-	-
Digital Audio Output (Optic)	-	-	-	o	•	•	•	•	•	•
Headphone Out (Main Volume Control)	•	•	•	•	•	•	•	•	•	•
Usb 2.0 (Default/Optional)	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1
Lan-Ethernet (Ieee 802.3) Rj45	o	o	o	o	o	o	o	o	o	o
Rs232 (In/Out)	via VGA	via VGA	via VGA	via VGA	via VGA	via VGA	via VGA	via VGA	via VGA	via VGA
Digital Sw Update	USB & LAN	USB & LAN	USB & LAN	USB & LAN	USB & LAN	USB & LAN	USB & LAN	USB & LAN	USB & LAN	USB & LAN

	HD/FHD Smart Mainboard 2115									
	22"	24"	28"	32"	39"	40"	43"	48"	49"	50"
<b>Picture</b>										
Zoom Modes (Aspect Ratio)	•	•	•	•	•	•	•	•	•	•
Dynamic Contrast	•	•	•	•	•	•	•	•	•	•
<b>Connectivity Features</b>										
Hbbtv (1.5)	o	o	o	o	o	o	o	o	o	o
Freeview Play	o	o	o	o	o	o	o	o	o	o
Wifi (Via Usb Dongle)	o	o	o	o	o	o	o	o	o	o
Html5 Support (By Youtube Lb4 2014)	o	o	o	o	o	o	o	o	o	o
Dlna 2.1	o	o	o	o	o	o	o	o	o	o
Bluetooth	o	o	o	o	o	o	o	o	o	o
Hotel Tv	o	o	o	o	o	o	o	o	o	o
Portal Support	o	o	o	o	o	o	o	o	o	o
Wifi ( Internal)	-	o	-	o	o	o	o	o	o	o
Open Internet	o	o	o	o	o	o	o	o	o	o
Bbc Iplayer, News, Sports, Crb	o	o	o	o	o	o	o	o	o	o
Netflix	o	o	o	o	o	o	o	o	o	o
Miracast	o	o	o	o	o	o	o	o	o	o
Intel Wi-Di	o	o	o	o	o	o	o	o	o	o
<b>Additional Features</b>										
Usb Cloning	o	o	o	o	o	o	o	o	o	o
Feature Osd	o	o	o	o	o	o	o	o	o	o
Animated Feature Osd	o	o	o	o	o	o	o	o	o	o
E-lb	o	o	o	o	o	o	o	o	o	o
<b>Digital (Dvb)</b>										
Menu Languages	English, German, French, Danish, Finnish, Norwegian, Swedish, Croatian, Czech, Dutch, Greek, Bulgarian, Hungarian, Italian, Polish, Portuguese, Romanian, Russian, Slovak, Slovenian, Spanish, Turkish, Lithuanian, Latvian, Estonian, Ukrainian, Serbian, Arabic, Persian, Hebrew, Albanian, Gaelic, Macedonian, Gallegan, Luxembourgish, Montenegrin, Flemish									
Epg (Electronic Program Guide)	•	•	•	•	•	•	•	•	•	•
Epg Timeline Schedule	•	•	•	•	•	•	•	•	•	•
Common Interface (Pcmcia Slot For Pay Channels)	•	•	•	•	•	•	•	•	•	•
<b>Communication</b>										
Cec(Connected Equipment Features Via Hdmi)	•	•	•	•	•	•	•	•	•	•
<b>Operation</b>										
Power Supply	220-240V AC	220-240V AC	220-240V AC	220-240V AC	220-240V AC	220-240V AC	220-240V AC	220-240V AC	220-240V AC	220-240V AC
Stand-By Power	<0.5W	<0.5W	<0.5W	<0.5W	<0.5W	<0.5W	<0.5W	<0.5W	<0.5W	<0.5W
<b>Supplied Extras (Related To Cabinet And Concept)</b>										
Wall Hanging Kit	o	o	o	o	o	o	o	o	o	o
Certificates										
Weee Compliant	•	•	•	•	•	•	•	•	•	•
Rohs Compliant	•	•	•	•	•	•	•	•	•	•

- Default
  - o Optional
  - /A
- LAN (Ethernet) and Mobil TV (12V DC adapter option) can not be supported together.  
ARC feature is supported through HDMI-2 (Back)  
Composite (RCA) is supported as Back AV IN

Specifications are subject to change without prior notice.

Tv Specifications	UHD Mainboards 130B/E/S					
	43"	49"	50"	55"	65"	75"
<b>Main Features</b>						
Ultra Hd	•	•	•	•	•	•
100Hz Oled (Flicker Free)	-	-	-	o	o	-
Oled	-	-	-	o	o	-
Dvb-T Mpeg2	•	•	•	•	•	•
Dvb-C Mpeg2	•	•	•	•	•	•
Dvb-S Mpeg2	o	o	o	o	o	o
Dvb-T Mpeg4	•	•	•	•	•	•
Dvb-C Mpeg4	•	•	•	•	•	•
Dvb-S Mpeg4	o	o	o	o	o	o
Dvb-T2 Mpeg4	•	•	•	•	•	•
Dvb-C2 Mpeg4	-	-	-	-	-	-
Dvb-S2 Mpeg4	o	o	o	o	o	o
Hevc (H.265)	•	•	•	•	•	•
Isdb-Tb	-	-	-	-	-	-
Tv-Dvd Player Combi	-	-	-	-	-	-
Media Player	•	•	•	•	•	•
Pvr Ready (Usb Record)	o	o	o	o	o	o
Hdmi (1.1/1.2/1.3/1.4/2.0)	2.0	2.0	2.0	2.0	2.0	2.0
<b>Reception &amp; Tuning Systems</b>						
Tuner Vhf/Uhf/Cable	•	•	•	•	•	•
Pal Secam B/G D/K I/I' (Tri Standart)	•	•	•	•	•	•
Ntsc	-	-	-	-	-	-
Dual Tuner	-	-	-	-	-	-
<b>Sound</b>						
Ger(D) + Nicam Stereo	•	•	•	•	•	•
Dolby Digital Plus (Dd+)	o	o	o	o	o	o
Ddco	o	o	o	o	o	o
Ms11	•	•	•	•	•	•
Dts Trusurround	o	o	o	o	o	o
Dts 2.0+ Digital Out	-	-	-	-	-	-
Dts Hd	o	o	o	o	o	o
Surround Sound	o	o	o	o	o	o
Audio Output Power (Rms)	2x10W	2x10W	2x10W	2x10W	2x12W	2x12W
Subwoofer Audio Output Max Power (Rms)	-	o	o	o	o	o
<b>Connectors</b>						
Rf: Tv/Catv 75 Ohms Coaxial	•	•	•	•	•	•
Scart (Euroconnector)	-	-	-	-	-	-
Composite Video/Audio In	•	•	•	•	•	•
Audio Line Out Via Headphone	•	•	•	•	•	•
S-Vhs In (S-Video 4-Pin Din)	-	-	-	-	-	-
Ypbpr (Component) In	-	-	-	-	-	-
Ypbpr In Via Vga	•	•	•	•	•	•
Vga (Pc In: D-Sub15)	•	•	•	•	•	•
Pc Audio In	via Back AV	via Back AV	via Back AV	via Back AV	via Back AV	via Back AV
Hdmi (Default/Optional)	2/2	2/2	2/2	2/2	2/2	2/2
Arc & Cec	•	•	•	•	•	•
Hdcp (1.2/2.0/2.2)	2.2	2.2	2.2	2.2	2.2	2.2
Digital Audio Output (Optic)	•	•	•	•	•	•
Headphone Out (Main Volume Control)	o	o	o	o	o	o
Headphone Out (Headphone Vol.control Support Dual Channels)	o	o	o	o	o	o
Subwoofer Line Out(Passive)	-	-	-	-	-	-
Internal Subwoofer	-	o	o	o	o	o

	UHD Mainboards 130B/E/S					
	43"	49"	50"	55"	65"	75"
<b>Connectors</b>						
Usb 2.0 (Default/Optional)	1/2	1/2	1/2	1/2	1/2	1/2
Lan-Ethernet (IEEE 802.3) RJ45 (For Return Channel-UK Market)	o	o	o	o	o	o
Rs232 (In/Out)	via VGA	via VGA	via VGA	via VGA	via VGA	via VGA
<b>Picture</b>						
Dynamic Contrast	•	•	•	•	•	•
Me/Mc (Motion Estimation – Motion Compensation)	o	o	o	o	o	o
Wide Color Gamut (Wcg)	o	o	o	o	o	o
Hdr (Hdr10, Dolby Vision, Hlg)	o	o	o	o	o	o
<b>Connectivity Features</b>						
Hbbtv (1.5)	o	o	o	o	o	o
Freeview Play	o	o	o	o	o	o
Html5 Support (By Youtube Lb4 2014)	o	o	o	o	o	o
4K Support (By Youtube Vp9 2015)	o	o	o	o	o	o
Dlna 1.5	o	o	o	o	o	o
Dlna 2.1	o	o	o	o	o	o
Bluetooth	o	o	o	o	o	o
Hotel Tv	o	o	o	o	o	o
Portal Support	o	o	o	o	o	o
Wifi ( Internal)	o	o	o	o	o	o
Open Internet	o	o	o	o	o	o
Bbc Iplayer, News, Sports, Crb	o	o	o	o	o	o
Netflix/Netflix 4K	o	o	o	o	o	o
Miracast	o	o	o	o	o	o
<b>Additional Features</b>						
Ntsc Playback	•	•	•	•	•	•
Sleep Timer	•	•	•	•	•	•
Hotel Mode (Passive)	•	•	•	•	•	•
Child Lock	•	•	•	•	•	•
No Ident Timer	•	•	•	•	•	•
Usb Cloning	o	o	o	o	o	o
3 Way Switch	o	o	o	o	o	o
Feature Osd	o	o	o	o	o	o
Animated Feature Osd	o	o	o	o	o	o
E-Ib	o	o	o	o	o	o
<b>Digital (Dvb)</b>						
Menu Languages	English, German, French, Danish, Finnish, Norwegian, Swedish, Croatian, Czech, Dutch, Greek, Bulgarian, Hungarian, Italian, Polish, Portuguese, Romanian, Russian, Slovak, Slovenian, Spanish, Turkish, Lithuanian, Latvian, Estonian, Ukrainian, Serbian, Arabic, Persian, Hebrew, Albanian, Gaelic, Macedonian, Montenegrin, Flemish, Kazakh, Thai, Belarussian					
Epg (Electronic Program Guide)	•	•	•	•	•	•
Epg Timeline Schedule	•	•	•	•	•	•
Common Interface (Pcmcia Slot For Pay Channels)	•	•	•	•	•	•
Lcn Installation (Check For Country)	•	•	•	•	•	•
<b>Communication</b>						
Cec(Connected Equipment Features Via Hdmi)	o	o	o	o	o	o
<b>Operation</b>						
Power Supply	220-240V AC	220-240V AC	220-240V AC	220-240V AC	220-240V AC	220-240V AC
Stand-By Power	<0.5W	<0.5W	<0.5W	<0.5W	<0.5W	<0.5W
<b>Supplied Extras (Related To Cabinet And Concept)</b>						
Wall Hanging Kit	o	o	o	o	o	o
Certificates						
Weee Compliant	•	•	•	•	•	•
Rohs Compliant	•	•	•	•	•	•

- Default
  - o Optional
  - •/A
- LAN (Ethernet) and Mobil TV (12V DC adapter option) can not be supported together.  
ARC is supported through HDMI-1  
UK models are given by default DVB-T2 with ethernet (return channel), but no mobil TV support.

Specifications are subject to change without prior notice.



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