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|-------------------------|---|---|
| Product | Manufacturer Model | 55U6HNZ |
| Image display | Screen size (rounded to nearest integer) | cm 139 |
| | Screen size (rounded to nearest integer) | inch 55 |
| | Display technology | LCD/ LED |
| | Backlight source | Direct LED |
| | Resolution (Horiz x Vert) | pixel 3840X2160 |
| | Colour depth | bit 8bit+FRC |
| | Smooth motion rate | 100 |
| | Native contrast ratio | 1200 : 1 |
| | Viewing Angle (Horiz / Vert) | Degrees 178/ 178 |
| | Quantum dot | Yes |
| | Wide colour gamut | Yes |
| Image processing | Backlight control | Yes |
| | Variable Refresh Rate (VRR) | Yes |
| | Auto Low Latency Mode for VRR | Yes |
| | Local dimming/ controllable zones | Yes |
| | Zoom function settings | Automatic/ 16:9/ 4:3/ Panoramic/ Movie Zoom/ Direct |
| | HDR - High Dynamic Range for luminance (DMP / Netflix / HDMI) | Yes / Yes / Yes |
| | HDR system | HDR10 / HDR10+ / Dolby Vision |
| | HLG (Hybrid Log-Gamma) for HDR | Yes |
| | HEVC (H.265) decoder | Yes |
| | Motion enhancement and compensation (MEMC) | Yes |
| Hardware | Processor | Quad core |
| | Colour (Front bezel, rear, stand) | Black / Black / Tarnish |
| | Speakers mounted in enclosure | Yes |
| | Mains power switch | No |
| | Swivel base | No |
| | Supply range [Voltage / Frequency] | Volt / Hz AC100~240V,50Hz/60Hz |
| | Standby consumption | Watt < 0.5W |
| Inputs | HDMI inputs | 3 |
| | HDMI type 4K@60Hz with HDCP version 2.2 | Yes |
| | HDMI 2.1 compliant input | No |
| | Enhanced Audio Return Channel (eARC) | Yes |
| | CEC- Consumer Electronics Control via HDMI | Yes |
| | RF- Radio frequency input | 1 |
| | AV input | 1 |
| | USB interface type 3.0 (Qty / List...) | 1 |
| | USB interface type 2.0 (Qty / List ...) | 1 |
| | Optical digital audio output (SPDIF) | 1 |
| | Earphone jack | 1 |
| Smart TV | Smart TV operating system | VIDAA US |

| | | |
|---|-----|----------------|
| Ethernet port (RJ45 connector) | | 1 |
| Wi-Fi protocols IEEE 802.11 {b, g, n, ac, ad, ..} | | a, b, g, n, ac |
| Wi-Fi bands | GHz | 2.4 / 5 |
| DLNA compliance | | Yes |
| Bluetooth / BT version | | Yes / 5.0 |
| Anyview (Screen mirroring) | | Yes |
| UHD (4k) streaming | | Yes |
| Streaming Video On Demand | | Yes |
| Freeview Plus - HbbTV 2.0 | | Yes |
| Web browser | | Yes |
| Voice command | | Yes |

Digital TV

| | | |
|---|--|-----------------|
| Television system (DVB-T / DVB-T2) | | Yes / Yes |
| Video decoder (MPEG2 / MPEG 4) | | Yes / Yes |
| AC3 Surround sound decoder | | Yes |
| AS 4599.1 compliance | | Yes |
| AS 4933.1 compliance | | Yes |
| LCN- Logical channel number and DTV Service name support | | Yes |
| Teletext / Teletext signal interruption (TAB compliant) / 16 : 9 TLTX | | Yes / Yes / Yes |
| Subtitles | | Yes |
| RF Signal strength indicator | | Yes |
| RF Signal quality indicator | | Yes |
| RF Bit error rate indicator | | Yes |
| EPG- Electronic programming guide, 7 days for all services | | Yes |
| Audio description (vision impairment aid) | | Yes |
| Parental rating lock | | Yes |
| On/off timer | | Yes |
| Power off if no signal | | Yes |
| Sleep timer | | Yes |
| Program lock | | Yes |
| Favourite channels list | | Yes |
| OTA- Over the air software updates | | Yes |

Sound

| | | |
|--|------|-------------|
| Audio power output per channel | Watt | 10 |
| Number of speakers (Tweeter / Midrange / Woofer) | | 0/2 /0 |
| Automatic volume level (AVL) | | Yes |
| Audio equalizer | | Yes |
| Dolby Digital | | Yes |
| Audio enhancement -Type | | Dolby ATMOS |
| Lip-sync adjustment | | Yes |

USB media player

| | | |
|---|--|----------------------|
| Personal Video Recorder | | Yes |
| Time Shift | | Yes |
| DTV Recording (EPG scheduling / start from Standby) | | Yes / Yes |
| DivX decoder | | No |
| MPEG4 (H.264) / H.265 decoder | | Yes / Yes |
| DMP- Digital media player content (Music / Video / Photos / Text) | | Yes / Yes / Yes / No |
| DMP Auto-play | | No |
| DMP for UHD content via USB | | Yes |
| Supported File Formats | | FAT / FAT32 / NTFS |

Hotel lock

| | | |
|--|--|-----------------|
| Protected Hotel lock submenu (Password / fixed code) | | No /Yes |
| Clone function for programs, sound and image settings. | | Yes |
| Sub-menu lock, including tuning lock | | Yes |
| Keyboard lock | | Yes |
| Maximum volume lock | | Yes |
| Power on volume | | Yes |
| Power on, apply default sound/image settings | | No |
| Power on source selection | | Yes |
| Power on RF channel selection | | Yes |
| Power on mode (On / Standby / Last) | | Yes / Yes / Yes |
| Inputs access (Enable / Disable) | | No |

Installation

| | | |
|---|----|---------|
| Stand area (Width / Depth) | mm | 830×306 |
| VESA Wall mount dimensions (Horiz x Vert) | mm | 300×200 |
| Wall mount, screw thread | mm | M6/10 |
| Detachable power cord | | Yes |

Power cord length cm 155

Accessories

Remote controller (Technology / Part number) IR /ERF3N80H
Battery (size / quantity) AAA / 2
Quick setup guide (Print) 1
Warranty [In User manual | In separate sheet] In separate sheet

Dimensions

Dimensions with stand (W x H x D) mm 1230×773×306
Dimensions without stand (W x H x D) mm 1230×711×78
Carton box dimensions (W x H x D) mm 1362×145×831
Net weight (with stand / without stand) kg 14.2 /13.9
Gross weight kg 19.2