

# PanelMedia

*Multipurpose Panel-PCs for surgical environments*



# AVD

AUDIO - VIDEO - DICOM

# Main Technical Specifications



Ref: IS 22 51



Ref: IS 22 20

## Computer

- Slot-in technology
- CPU 6<sup>th</sup> generation Intel® Core™ i3-6100U Processor, 2.3 GHz (i5 or i7 options). GPU: Intel® HD Graphics 520
- System memory : 2 DD3L SO-DIMM 1600 Mhz max.; 8 GB expandable to 16 or 32 GB\*
- Hard disk : SSD mSATA technology; 240 GB expandable to 480 or 960 GB\*
- Operating system : optional Embedded 64 bits W7 or W10

## Display

- Panel Technology : LCD AMVA3 with Edge LED backlights
- Screen Size (inch/cm): 48/122 **PanelMedia XL**; 55/140 **PanelMedia XL-4K**
- Active Screen Area (W x H) : 1018 x 573 mm (**PanelMedia XL**); 1209.6 x 680.4 mm (**PanelMedia XL-4K**)
- Native Resolution : Full HD 1920 x 1080 at 60 Hz for **PanelMedia XL** and Ultra-HD 3840 x 2160 at 60 Hz for **PanelMedia XL-4K**
- Aspect Ratio : 16:9
- Brightness [cd/m<sup>2</sup>] : 500, Eco (shipment setting)
- Contrast Ratio (typical) : 4000:1
- Multi-sources Display : Dual PIP (Picture IN Picture) and PAP (Picture AND Picture) modes

## Connectivity

- Connection of video sources : internal (standard) or external with optional Video Connect Pack\*
- Video inputs: **PanelMedia XL**: internal CV, VGA, DVI/HDMI1.4, HDMI 2.0. external (PVC: IS 22 53) CV, VGA, DVI/HDMI1.4, HDMI 2.0 and HD-SDI/3G-SDI. **PanelMedia XL-4K** : internal 2 x DVI-D (HDCP); 1 x DisplayPort (HDCP); 4 x HDMI (HDCP). External (PVC 4K: IS 22 54): HD and 4K (x4 HDMI1.4 and x1 HDMI 2.0)
- Analog audio input: 1 x AUX jack 3,5 mm optional (IS 20 12)
- Output Control: RS232 serial link (internal); infra-red remote control and keyboard shortcuts (with IS 21 59)

## Electrical

- Max. Power Consumption [W] : 100 (eco) 150 (PNM XL) ; 110 (eco) 160 (PNM XL-4K)
- Power Savings Mode [W] : < 0,5 (ECO Standby) ; < 1. Power Management : VESA DPMS

## Environmental Conditions

- Storage Temperature [°C] : -10 à +50. Operating Temperature [°C] : +15 à +25
- Humidity [%] : Storage 10 à 90, without condensing. Operating : 30 à 75, without condensing

## Mechanical

- Front-face protection : Securit silk-screened antireflections protective glass, width 6 mm
- Dimensions (L x H x P) [mm] : 1220 x 695 x 95 (PNM 48") ; 1420 x 895 x 95 (PNM 55"4K)
- Weight [kg] : 45 (**PanelMedia XL**) ; 65 (**PanelMedia XL-4K**)
- Embedded versions\*: **PanelMedia 48" Flush** and **PanelMedia 55"4K Flush**
- Fixation : Hanging mechanical interface with 6 fixation points
- Ingress Protection : IP65 front-face

## Certifications

- Conformity : IEC/EN 60601-1 (isolation transformer) ; IEC/EN 60601-1-2\*
- GSDF (Greyscale Standard Display Function) DICOM Part 14 Conformity

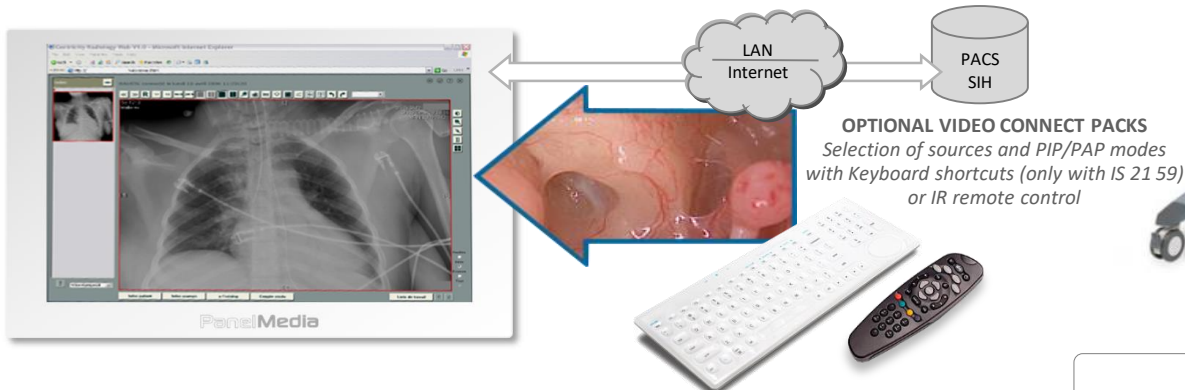
## Warranty

- Warranty duration : Two years with optional extension\*

## Available options

- Accessories : audio Kit 2x20 W, mobile stand, Pack Video Connect and Video Connect 4K
- Evolutivity : hardware and software gateways\* to DICOMedia and **SurgiMedia**®

\* For additional information, please contact ISIS or representative



ISIS, ZAC ISIPARC, 130 chemin des Prêles - 38330 SAINT-ISMIER - France  
Telephone : +33 (0)4 38 37 29 00  
Mail to : [info@surgimedia.com](mailto:info@surgimedia.com)



SurgiMedia® is a registered trademark of ISIS S.A.S



ISIS REPRESENTATIVE