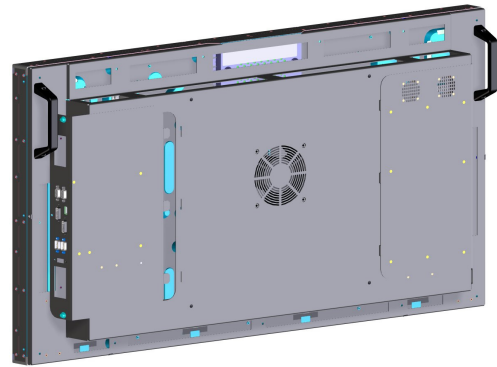


LED 46 UNB 700 LV

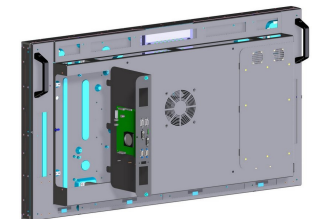
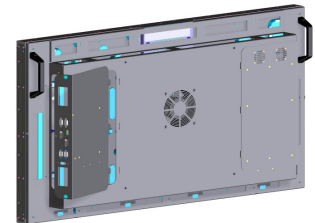
Display

Technology	LCD TFT with LED backlights Direct LED backlights
Dimension (diagonal)	46" (117 cm)
Aspect Ratio:	16:9
Resolution	1920 (H) x 1080 (V) pixels
Pixel pitch	0.53 [mm]
Brightness	700 cd/m2
Contrast ratio	4000:1
Viewing angle	178° (all directions)
Colors	1073 M (10-bit)
Response time	6,5 ms (G to G)
Color gamut	72%
Protection (option)	Optical bonding



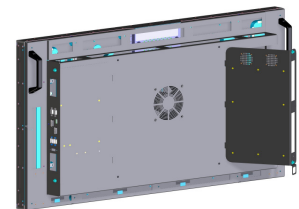
Connections

Video:	2x RCA [CVBS1 & 2] 1 x mini DIN 4 pin [Y/C] 3 x RCA [YPbPr]
PC:	1 x Dsub-15 HD [Analog RGB] 1 x DVI-D [Digital RGB]
HDMI:	1 X HDMI [Audio and Video with HDCP]
Audio (option):	2 x RCA [CVBS1 stereo] 2 x RCA [CVBS2 / SVideo stereo] 2 x RCA [Component stereo] 1 x jack 3.5 mm [PC stereo]
Controls:	RS-232 serial port Remote Control with monitor's address control via USB connector



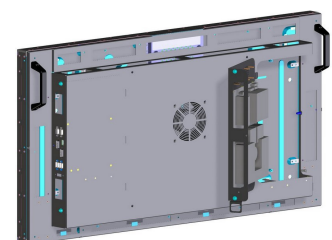
Loopthrough unit

PC:	1 x Dsub-15 HD [Analog RGB] 1 x DVI-D [Digital RGB]
Control:	1 x RS-232 Dsub-9 female



Features

Video compatibility:	HDMI [supporting CEA-861B specs. HDCP 1.1] 480i/p, 576i/p, 720p, 1080i / 50-60 Hz, 1080p / 60 Hz
Video signal level:	CVBS: 1 Vpp / 75 Ohm (with AGC) Y/C: 1 Vpp / 75 Ohm (with AGC) Y, Pb, Pr, 1Vpp / 75 ohm
PC compatibility:	VGA ~ WUXGA (1920x1080), NATIVE (1920 x 1080) Automatic frequency detection
PC analog signal level:	RGB: 0.7 Vpp / 75 Ohm (RGB), TTL (HV)
Frequency range:	Orizzontale: 20 KHz - 82 KHz Verticale: 55 Hz - 90 Hz
Audio (option) signal level:	Audio Input: 0.15 - 1 V



Speakers (option):	Audio Output: 2 x 7W (10% THD)
Control interfaces:	Integrated speakers 10W Through OSD (On Screen Display) Serial port RS-232
Loophrough unit:	Integrated splitter with bezel compensation RS-232 pass-through VGA pass-through DVI pass-through IR remote control pass-through All inputs converted to DVI and retransmitted
On board player (option)	On request OPS or 3.5" format

Removeable doors: (see pictures first page)	#1: Power supply #2: Video board #3: Player / controller / SVS optional door
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Controls	
Video:	Preset (4 selections + user) Brightness , contrast, color, sharpness Color temperature (5 selections + user) Still frame Source selection Size Video: (16:9, 14:9, 4:3, Panoramic, Zoom1, Zoom2) Size Graphics: (16:9, 1:1, 4:3) Geometry: Image auto-adjustment Audio (option): Preset (4 selections + user) Volume, Balance, Equalizer (5 bands)
Serial port:	HTX serial protocol on RS-232 for remote control via customer's developed application Control for all video parameters

Additional functionalities	Panel and controller temperature control DPMS energy saving support Languages: DE, ES, FR, EN, IT, PT Screensaver (blue screen, pixel shiftl , wiper, gray background) Automatic control of fans Resize/Shift Multi Screen Function (up to 5x5) Temperature automatic control with threshold setting for autoshtutoff Timer (time, wake-up, sleep) Display address selection Source auto search PIP/POP Configuration ansd setting through serial protocol
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Mechanics & electricals	
Dimensions:	1023.68 (W) x 578.27 (H) x 108.4 (D) [mm] (outline) 1018.08 (W) x 572.67 (H) [mm] (active area)

Bezel	3.2 mm (u/l), 1.5 mm (r/b) 5.6 mm (active area to active area)
Fixing	VESA 400x400/M6
Mounting (option)	Click out
Power consumption	138 W typ.
Input voltage:	115/230 VAC ± 15%, 50/60 Hz
Input connector	IEC
Operating conditions:	Storage: -20°C to 60°C (max 85% RH no condensing) Operating: 0°C to 40°C (max 85% RH no condensing)



HTX VIDEOWALL SUPERVISOR (SVS) - OPTIONAL



Thanks to our newest Videowall Supervisor (SVS), Hantarex solution will have following advantages:

- Videowall Supervisor guarantees advanced diagnostics capabilities being based on a wide sensors internal network
- Videowall Supervisor is independent from the player. If players breaks, diagnostics info and alarms are still forwarded to the remote management server. Sections on the display chain are then clearly defined: failures can be easily acknowledged and tracked without the need of specific debugging/testing preliminary sessions.
- Videowall Supervisor does not overload the player with the diagnostics client program and no compatibility problems with content management program can occur.
- Diagnostics are fully transparent to the user and to the OS of the player.
- Broadcasted commands can be sent simultaneously to all screens of the videowall
- Standard management protocols (such as SNMP) are used to communicate with the remote server.

Configurator	Control for videowalls up to 5x5 Setting for all video parameters for each screen Setting for all screens in broadcast Setting of matrix configuration
Supervisor	Diagnostic control independent from player Control over LAN in desktop remote
Diagnostics	Diagnostics on each screen of the videowall with control over: Internal voltages Internal temperatures (controller and panel) Ambient light sensor Backlight current Internal fan status
Remote controls	Standby on/off of videowall Dimming of videowall
Management protocol	SNMP agent (extension for Windows) Support for SNMPv1, SNMPv2c MIB compliant SMIV2