



VIDEOWALL

NARROW BEZEL
40" and 46"



INFINITE SOLUTIONS FOR VISUAL COMMUNICATION

LARGE DIGITAL VIDEO WALLS

FOR

- publicity
- entertainment
- public information

IN

- Malls
- Fairs and congress halls
- Airports and train stations
- Subway stations
- Museums
- Public areas

THE PERFECT WAY
TO CAPTURE
EVERYONE'S ATTENTION.



MILAN, ITALY
GIORGIO ARMANI
LA RINASCENTE CORNER-SHOP

40" LCD NARROW BEZEL 46" LCD SUPER NARROW BEZEL MODULES

HANTAREX has developed a professional product for video wall applications with 40" TFT LCD monitors and special characteristics such as narrow gaps between adjacent monitors, called Narrow Bezel and special readability for applications in direct sunlight called 'Sun Readability'. Thanks to a brightness of 700 cd/mq and the almost complete lack of reflection of light from external sources, this product is also ideal for permanent applications in public places, which are often subject to direct light whether natural or artificial such as malls, financial centers, banks, stock exchange, congress halls, airports, train stations or temporary applications such as fairs, and indoor events. Large displays with high definition that require clear messages and information, like all **Digital Signage** applications, can take advantage of this monitor's characteristics.

These monitors have a gap of less than 15 mm per side that means the gap between two modules is the smallest imaginable. This gap, even if it is visible, is so small that the entire video wall image is not disturbed.

PRINCIPAL CHARACTERISTICS

- Internal Image Splitting

image management with an internal splitter for a video wall with up to a 9 x 9 configuration

- **Video walls can be configured** in different and innovative shapes such as banners, panorama, towers, portrait, 4/3, 16/9, etc.

- **Easy installation** access and a possible in-situ replacement for any active component of the monitor, without having to remove the module from the wall

- **Infinitely expandable modules**

- Very low power consumption

- **Invisible borders**

- **Very narrow depth (9 cm)**

TO SUMMARIZE

The sturdy aluminum structure that makes the external body of the module allows easy and quick installation thanks also to the four anchoring hole, and easy maintenance of the video wall itself, guaranteeing durability and resistance.

This module is also IP 30 compliant, which means the resistance parameters conform to those for public use.

All the electronic and functional parameters and software can be controlled with a simple RS232 serial interface and a Loop Through remote control.

The personalization of the software and some of the hardware is possible upon request based on the specifications of the customer.

The SUN-Readability characteristics are only for FID and PID, Flights and Public Information Display, applications, where data must be readable in extremely bright light, viewed at an angle of more than 180° both vertically and horizontally, have a high contrast ration, 1,200:1, and a brightness of 700 cd/mq and a WXGA resolution.



FLORENCE, ITALY - SEAMLESS VIDEO WALL LUISA VIA ROMA SHOW ROOM



AOSTA, ITALY - AUTOSTRADA S.P.A. CONTROL STATION

The sturdy aluminum structure that makes up the external body of the module allows easy and quick installation, thanks to four anchoring holes, and easy maintenance of the video wall itself.

VIDEOWALL

OUTDOOR & INDOOR

FOR



MODEL LCD 40 NB

SCREEN SIZE 40" (101,50 cm)

DIMENSIONS 916x528x107

ASPECT RATIO 16:9

N° OF PIXELS 1366x768

COLORS 16.7 MILLION

PEAK BRIGHTNESS 700 cd/m² PLUS

CONTRAST RATIO 2,000:1

WEIGHT 21 KG

SEAM GAP 15 mm

VIDEOWALL MULTI SCREEN

MODEL LCD 46 SNB

SCREEN SIZE 46" (117 cm)

ASPECT RATIO 16:9

N° OF PIXELS 1366x768

COLORS 16.7 MILLION

PEAK BRIGHTNESS 700 cd/m² PLUS

CONTRAST RATIO 3,000:1

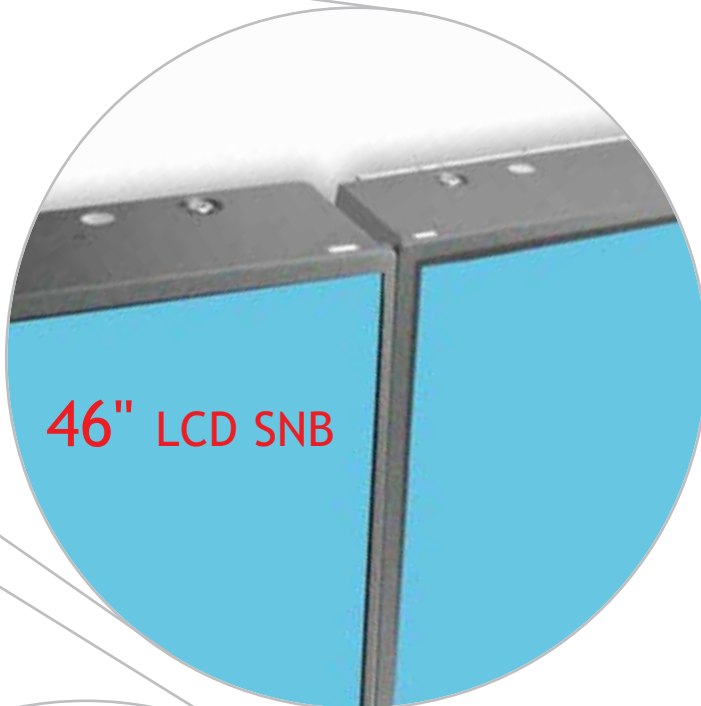
SEAM GAP 4 mm up/left, 2 mm bottom/right

VIDEOWALL MULTI SCREEN

AIRPORTS
RAILWAYS
MALLS
BIG VENUES

40" LCD NARROW BEZEL
46" LCD SUPER NARROW BEZEL
MODULES

VIDEOWALL



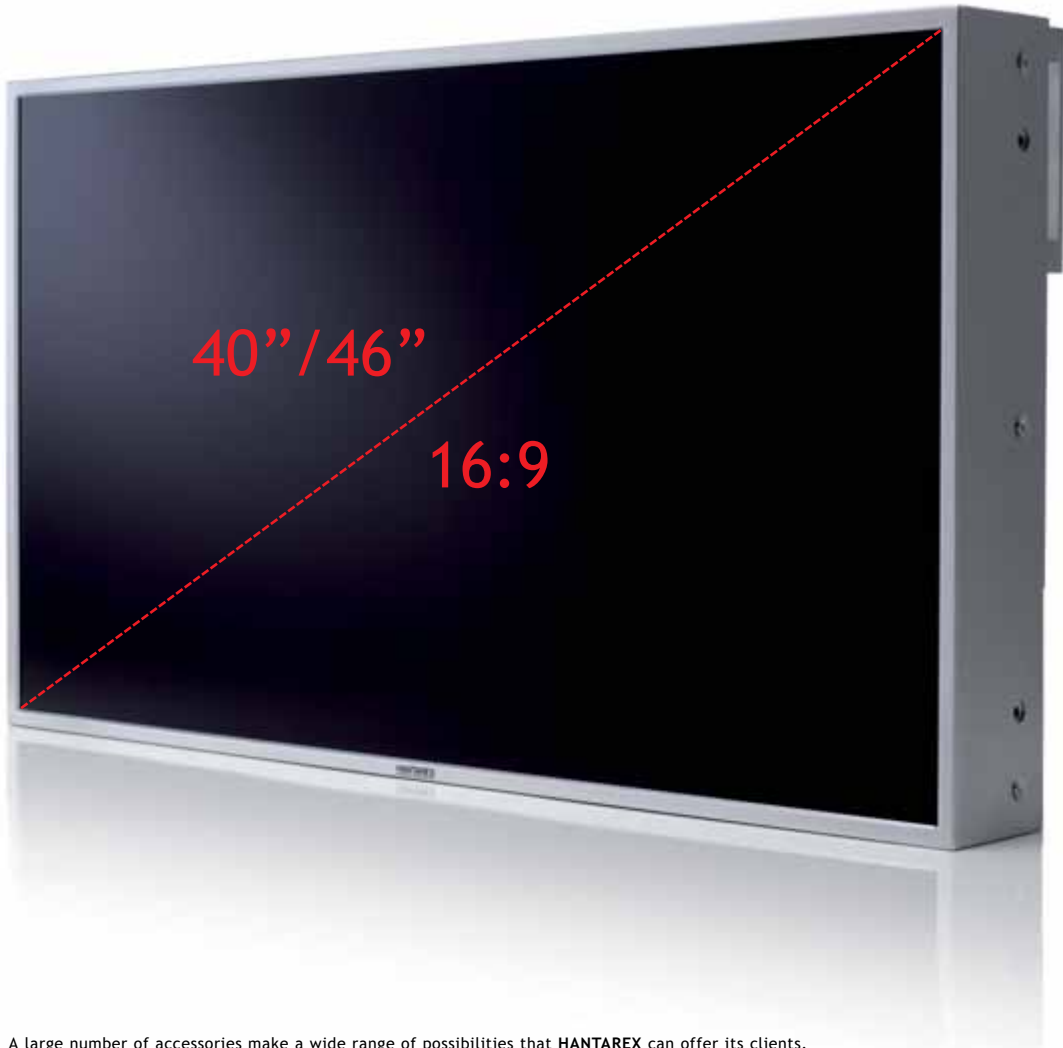
OUTDOOR & INDOOR

LCD NARROW BEZEL _ SUPER NARROW BEZEL **TECHNICAL DATA**

PRODUCT NAME		LCD 40" Narrow Bezel	LCD 46" Super Narrow Bezel
DISPLAY PANEL	Screen size:	40" (1016 cm)	46" (117 cm)diagonal
	Aspect Ratio:	16:9	16:9
CONNECTIONS	Resolution:	1366 (H) x 768 (V) pixels	1366 (H) x 768 (V) pixels
	Pixel pitch:	0.648 (H) x 0.216 (V) [mm]	0.745 (H) x 0.745 (V) [mm]
	Useful screen:	885 (H) x 497 (V) [mm]	1018.3 (H) x 572.5 (V) [mm]
	Brightness:	700 cd/m ² (typical)	700 cd/m ² (typical)
	Contrast ratio:	2,000: 1 (typical)	3,000: 1 (typical)
	Viewing angle:	178° (in all directions)	178° (in all directions)
	Colors:	16.7 Mil	16.7 Mil
	Response time:	8 mSec	8 mSec
	Gap:	15 mm	6 mm (4 mm up / left + 2 mm bottom / right)
	FEATURES	Video:	1 x RCA [CVBS1, input only] 1 x RCA [CVBS2, input only] 1 x mini DIN 4 pin [Y/C, input only] 3 x RCA [YPbPr, input only]
PC:		1 x Dsub-15 HD [Analog RGB, input] 1 x DVI-D [Digital RGB, input]	1 x Dsub-15 HD [Analog RGB, input] 1 x DVI-D [Digital RGB, input]
HDMI:		1 X HDMI [Audio e Video con HDCP, input only]	1 X HDMI [Audio e Video con HDCP, input only]
Audio:		2 x RCA [CVBS1 stereo input] 2 x RCA [CVBS2 / S.Video stereo input] 2 x RCA [Component stereo input] 1 x jack 3.5 mm [PC stereo input]	2 x RCA [CVBS1 stereo input only] 2 x RCA [CVBS2 / S.Video stereo input] 2 x RCA [Component stereo input] 1 x jack 3.5 mm [PC stereo input]
Control:		Power stereo output, speakers [clinch] 1 x Dsub-9 female [Input]	Power stereo output, speakers [clinch] 1 x Dsub-9 female [Input]
Loophthrough unit		USB for external infrared receiver	USB for external infrared receiver
PC:		1 x Dsub-15 HD [Analog RGB, output] 1 x DVI-D [Digital RGB, output]	1 x Dsub-15 HD [Analog RGB, output] 1 x DVI-D [Digital RGB, output]
Control:		1 x Dsub-9 female [output]	1 x Dsub-9 female [output]
Video compatibility:		PAL (BGH/D/I, M, N, 60), NTSC (M, 4.43), SECAM HDMI [supporting CEA-861B specs. HDCP 1.1]	PAL (BGH/D/I, M, N, 60), NTSC (M, 4.43), SECAM HDMI [supporting CEA-861B specs. HDCP 1.1]
DTV:		480i/p,576i/p,720p, 1080i / 50-60 Hz, 1080p / 60 Hz	480i/p,576i/p,720p, 1080i / 50-60 Hz, 1080p / 60 Hz
CONTROLS	Video signal level:	CVBS: 1 Vpp / 75 Ohm - nominal (with AGC) Y/C: 1 Vpp / 75 Ohm - nominal (with AGC) YPbPr, 1Vpp / 75 ohm nominal	CVBS: 1 Vpp / 75 Ohm - nominal (with AGC) Y/C: 1 Vpp / 75 Ohm - nominal (with AGC) YPbPr, 1Vpp / 75 ohm nominal
	PC compatibility:	VGA ~ WUXGA (1920x1080), NATIVE (1366x768) Automatic frequency detection	VGA ~ WUXGA (1920x1080), NATIVE (1366x768) Automatic frequency detection
	PC signal level:	RGB: 0.7 Vpp / 75 Ohm (RGB), TTL (HV) 1 x DVI-D [Digital RGB, input only]	RGB: 0.7 Vpp / 75 Ohm (RGB), TTL (HV) 1 x DVI-D [Digital RGB, input only]
	Frequency range:	Horizontal: 20 KHz - 82 KHz Vertical: 55 Hz - 90 Hz	Horizontal: 20 KHz - 82 KHz Vertical: 55 Hz - 90 Hz
	Audio signal level:	Audio Input: 0.15 to 1 V Audio Output: 2 x 7W (10% THD)	Audio Input: 0.15 to 1 V Audio Output: 2 x 7W (10% THD)
	Splitter	Embedded splitter up to 5x5 with bezel compensation	Embedded splitter up to 5x5 with bezel compensation
	Control interfaces:	Infrared Remote Control (external) RS-232 Serial Port	Infrared Remote Control (external) RS-232 Serial Port
	Loophthrough unit	Commands and controls are available from any of user's interfaces Remote Control are OSD assisted	Commands and controls are available from any of user s interfaces Remote Control are OSD assisted
	Video:	Mode (4 selections + user) Brightness, Contrast, Color, Sharpness Colour temperature (5 selections + user) Still frame Source selection	Mode (4 selections + user) Brightness, Contrast, Color, Sharpness Colour temperature (5 selections + user) Still frame Source selection
	Size Video	(16:9, 14:9, 4:3, Panoramic, Zoom1, Zoom2)	(16:9, 14:9, 4:3, Panoramic, Zoom1, Zoom2)
Size Graphics	(16:9, 1:1, 4:3)	(16:9, 1:1, 4:3)	
Geometry:	Self adjustment of picture dimension Free adjustment of picture position	Self adjustment of picture dimension Free adjustment of picture position	
Audio:	Mode (4 selections + user) Volume, Balance Equalizer (5 bands) Stereo / Dual1 / Dual2 AutomaticVolumeControl	Mode (4 selections + user) Volume, Balance Equalizer (5 bands) Stereo / Dual1 / Dual2 AutomaticVolumeControl	
Others:	Stand-by mode Status Indication Programmable OSD aspect Screensaver (blue screen, pixel shift), wiper, gray background) Fan automatic manage/cooling Resize/Shift Multi Screen Function (up to 5x5) External IR sensor with USB connection Timer (time, wake-up, sleep) Display address selection DPMS Auto Input Search D, E, F, GB, I, P	Stand-by mode Status Indication Programmable OSD aspect Screensaver (blue screen, pixel shift), wiper, gray background) Fan automatic manage/cooling Resize/Shift Multi Screen Function (up to 5x5) External IR sensor with USB connection Timer (time, wake-up, sleep) Display address selection DPMS Auto Input Search D, E, F, GB, I, P	
O.S.D. Language :			
PHYSICAL	Dimensions:	916 (W) x 528 (H) x 107 (D)	1025.5 (W) x 580.3 (H) x 130.5 (D)
	Weight:	21 Kg (without base)	TBD
	Mains voltage:	115/230 VAC ± 15%, 50/60 Hz	115/230 VAC ± 15%, 50/60 Hz
	Power consumption:	200 W	TBD
Storage conditions:	Storage: -20°C to 65°C (max 85% RH not condensing)	Storage: -20°C to 65°C (max 85% RH not condensing)	
Operating conditions:	Working: 0°C to 50°C (max 85% RH not condensing)	Working: 0°C to 50°C (max 85% RH not condensing)	
Class protection:	IP30	IP30	
ACCESSORIES		Power cable DVI-D cable RS 232 cable Remote control with batteries External Infrared Sensor with USB connection User manual	Power cable DVI-D cable RS 232 cable Remote control with batteries External Infrared Sensor with USB connection User manual

40" LCD NARROW BEZEL
46" LCD SUPER NARROW BEZEL
MODULES

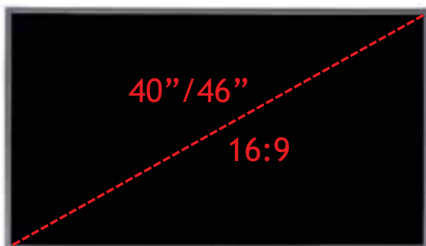
VIDEOWALL



A large number of accessories make a wide range of possibilities that HANTAREX can offer its clients. Wall and ceiling brackets or pedestals for free standing applications resolve any need that our customers might have for any type of application and any level of security. If compared to traditional ultra-thin plasma and/or LCD monitors, the LCD 40 NB monitor reduces the gap between adjacent monitors by 1/3.

40"/46" LCD MODULAR MONITORS WITH EXCELLENT BRIGHTNESS AND RESOLUTION
FOR VIDEO WALLS WITHOUT REFLECTION

Front



Back



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