

## 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

OUTDOOR & INDOOR

NARROW BEZEL / size 40" / 46"

# LCD NARROW BEZEL MODULES

HANTAREX has developed a professional product for video wall applications with 40" or 46" TFT LCD monitors and 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/m<sup>2</sup> 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.

The LCD 40/46 NB SR monitors are industrial monitors for video wall applications that offer valid solutions with virtually no gaps.

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: Internal Image Splitting: image management with an internal splitter for a video wall with up to a 5 x 5 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

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MODEL **LCD 40/46 NB SR**

SCREEN SIZE **40" and 46"**

DIMENSIONS **915x530x117 / 1052x605x123**

ASPECT RATIO **16:9**

N° OF PIXELS **1366x768**

COLORS **16.7 MIL**

PEAK BRIGHTNESS **700 cd/m<sup>2</sup>**

CONTRAST RATIO **2,000:1**

WEIGHT **17.5 / 36.5 KG**

SEAM GAP **< 15 mm**

VIDEOWALL **MULTI SCREEN**

**LCD NARROW BEZEL**  
MODULES

LCD NARROW BEZEL  
MODULES

VIDEOWALL

AIRPORTS  
RAILWAYS  
MALLS  
BIG VENUES



OUTDOOR & INDOOR

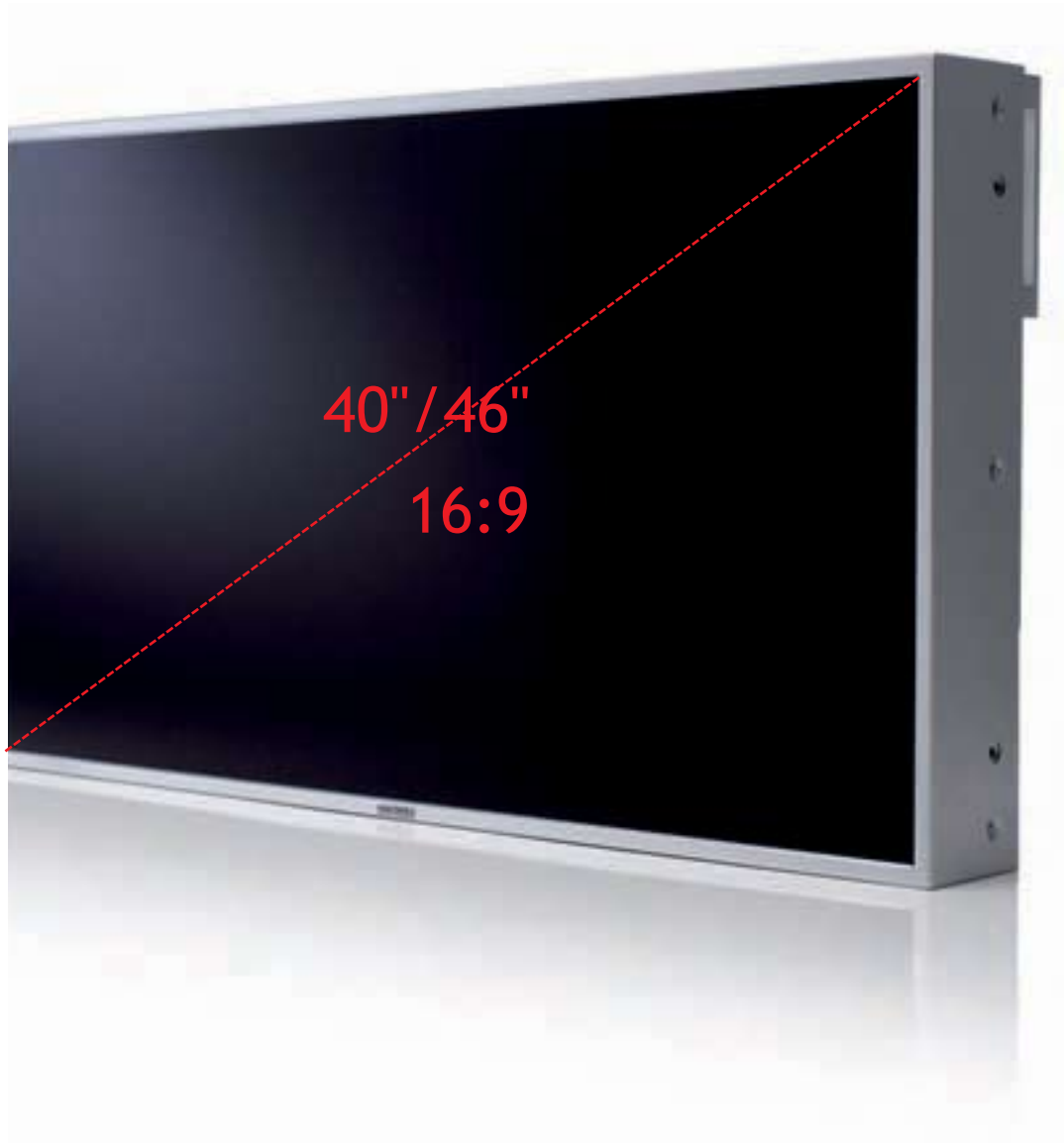
# LCD NARROW BEZEL TECHNICAL DATA

PRODUCT NAME:		LCD 40" Narrow Bezel	PRODUCT NAME:	LCD 46" Narrow Bezel
DISPLAY PANEL	Screen size:	40" (1016 mm)	Screen size:	46" (1168 mm)
	Aspect Ratio:	16:9	Aspect Ratio:	16:9
CONNECTIONS	Resolution:	1366 (H) x 768 (V) pixels	Resolution:	1366 (H) x 768 (V) pixels
	Pixel pitch:	0.648 (H) x 0.216 (V) [mm]	Pixel pitch:	0.648 (H) x 0.216 (V) [mm]
FEATURES	Useful screen:	885 (H) x 497 (V) [mm]	Useful screen:	1018 (H) x 573 (V) mm
	Brightness:	700 cd/m2 (typical)	Brightness:	700 cd/m2 (typical)
CONTROLS	Contrast ratio:	2,000: 1 (typical)	Contrast ratio:	2,000: 1 (typical)
	Viewing angle:	178° (in all directions)	Viewing angle:	178° (in all directions)
PHYSICAL	Colors:	16.7 Mil	Colors:	16.7 Mil
	Response time:	8 mSec	Response time:	8 mSec
ACCESSORIES	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]	Video:	1 x BNC [CVBS1, input only] 1 x BNC [CVBS1, output only] 3 x BNC [YPbPr, input only]
	PC:	1 x Dsub-15 HD [Analog RGB, input] 1 x DVI-D [Digital RGB, input]	PC:	1 x Dsub-15 HD [Analog RGB, input]
CONNECTIONS	HDMI:	1 X HDMI [Audio e Video con HDCP, input only]	HDMI:	1 X HDMI [Audio e Video con HDCP, input only] 1 X HDMI [Audio e Video con HDCP, output 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]	Audio:	2 x RCA [CVBS1 stereo input] 2 x BNC [Component stereo input] 1 x jack 3.5 mm [PC stereo input]
FEATURES	Control:	Power stereo output, speakers [clinch] 1 x Dsub-9 female [Input] USB for external infrared receiver	Control:	Power stereo output, speakers [clinch] 1 x Dsub-9 female [Input] External infrared receiver
	Loophthrough unit	PC: 1 x Dsub-15 HD [Analog RGB, output] 1 x DVI-D [Digital RGB, output] Control: 1 x Dsub-9 female [output]	Loophthrough unit	PC: 1 x Dsub-15 HD [Analog RGB, output] 3 x BNC [YPbPr, output] Control: 1 x Dsub-9 female [output]
CONNECTIONS	Video compatibility:	PAL (BGH/D/I, M, N, 60), NTSC (M, 4.43), SECAM HDMI (supporting CEA-861B specs. HDCP 1.1)	Video compatibility:	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	DTV:	480i/p, 576i/p, 720p, 1080i / 50-60 Hz, 1080p / 60 Hz
FEATURES	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	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
	PC compatibility:	VGA - WUXGA (1920x1080), NATIVE (1366x768) Automatic frequency detection	PC compatibility:	VGA - WUXGA (1920x1080), NATIVE (1366x768) Automatic frequency detection
CONTROLS	PC signal level:	RGB: 0.7 Vpp / 75 Ohm (RGB), TTL (HV) 1 x DVI-D [Digital RGB, input only]	PC signal level:	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	Frequency range:	Horizontal: 20 KHz - 82 KHz Vertical: 55 Hz - 90 Hz
CONNECTIONS	Audio signal level:	Audio Input: 0.15 to 1 V Audio Output: 2 x 7W (10% THD)	Audio signal level:	Audio Input: 0.15 to 1 V Audio Output: 2 x 7W (10% THD)
	Splitter	Embedded splitter up to 5x5 with bezel compensation	Splitter	Embedded splitter up to 5x5 with bezel compensation
CONNECTIONS	Control interfaces:	Infrared Remote Control (external) RS-232 Serial Port Commands and controls are available from any of user's interfaces	Control interfaces:	Infrared Remote Control (external) RS-232 Serial Port Commands and controls are available from any of user's interfaces
	Loophthrough unit	Remote Control are OSD assisted RS-232 pass-through VGA pass-through	Loophthrough unit	Remote Control are OSD assisted RS-232 pass-through VGA pass-through
CONNECTIONS	Video:	All inputs converted to DVI and retransmitted Mode (4 selections + user) Brightness, Contrast, Color, Sharpness Colour temperature (5 selections + user) Still frame	Video:	All inputs converted to DVI and retransmitted Mode (4 selections + user) Brightness, Contrast, Color, Sharpness Colour temperature (5 selections + user) Still frame
	Size Video	Source selection	Size Video	Source selection
CONNECTIONS	Size Graphics	(16:9, 14:9, 4:3, Panoramic, Zoom1, Zoom2)	Size Graphics	(16:9, 14:9, 4:3, Panoramic, Zoom1, Zoom2)
	Geometry:	(16:9, 1:1, 4:3)	Geometry:	(16:9, 1:1, 4:3)
CONNECTIONS	Audio:	Self adjustment of picture dimension Free adjustment of picture position Mode (4 selections + user) Volume, Balance Equalizer (5 bands) Stereo / Dual1 / Dual2	Audio:	Self adjustment of picture dimension Free adjustment of picture position Mode (4 selections + user) Volume, Balance Equalizer (5 bands) Stereo / Dual1 / Dual2
	Others:	AutomaticVolumeControl 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	Others:	AutomaticVolumeControl 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
CONNECTIONS	O.S.D. Language :	Auto Input Search D, E, F, GB, I, P	O.S.D. Language :	Auto Input Search D, E, F, GB, I, P
	Dimensions:	915 (W) x 530 (H) x 117 (D)	Dimensions:	1052(W) x 605 (H) x 123 (D)
CONNECTIONS	Weight:	17.5 Kg (without base)	Weight:	36.5 Kg (without base)
	Mains voltage:	115/230 VAC ± 15%, 50/60 Hz	Mains voltage:	110/240 VAC ± 15%, 50/60 Hz
CONNECTIONS	Power consumption:	200 W	Power consumption:	260 W
	Storage conditions:	Storage: -20°C to 65°C (max 85% RH not condensing)	Storage conditions:	Storage: -20°C to 65°C (max 85% RH not condensing)
CONNECTIONS	Operating conditions:	Working: 0°C to 50°C (max 85% RH not condensing)	Operating conditions:	Working: 0°C to 0°C (max 85% RH not condensing)
	Class protection:	IP30	Class protection:	IP30
CONNECTIONS	Power cable	Power cable	Power cable	Power cable
	DVI-D cable	DVI-D cable	DVI-D cable	DVI-D cable
CONNECTIONS	RS 232 cable	RS 232 cable	RS 232 cable	RS 232 cable
	Remote control with batteries	Remote control with batteries	Remote control with batteries	Remote control with batteries
CONNECTIONS	External Infrared Sensor with USB connection	External Infrared Sensor with USB connection	External Infrared Sensor with USB connection	External Infrared Sensor with USB connection
	User manual	User manual	User manual	User manual



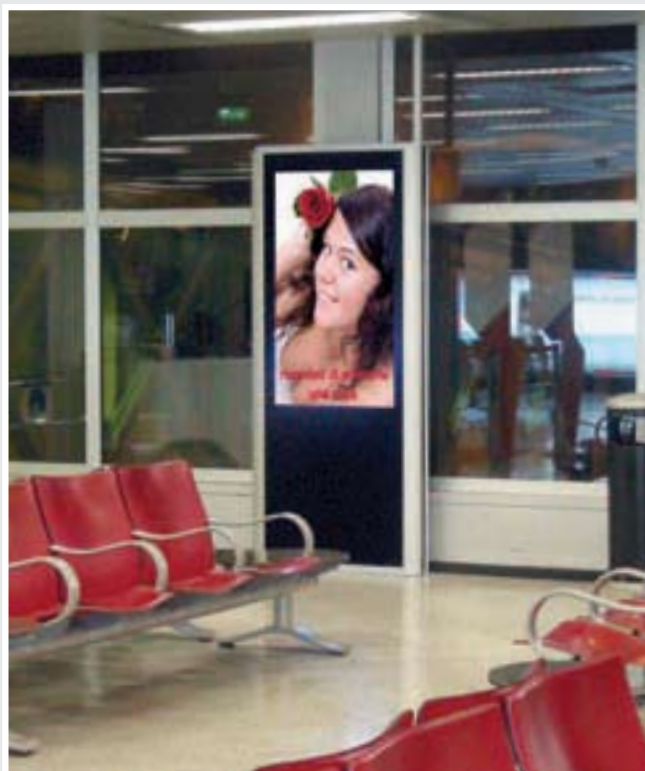
# LCD NARROW BEZEL MODULES

VIDEOWALL



LCD MODULAR MONITORS WITH EXCELLENT BRIGHTNESS AND RESOLUTION  
FOR VIDEO WALLS WITHOUT REFLECTION

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