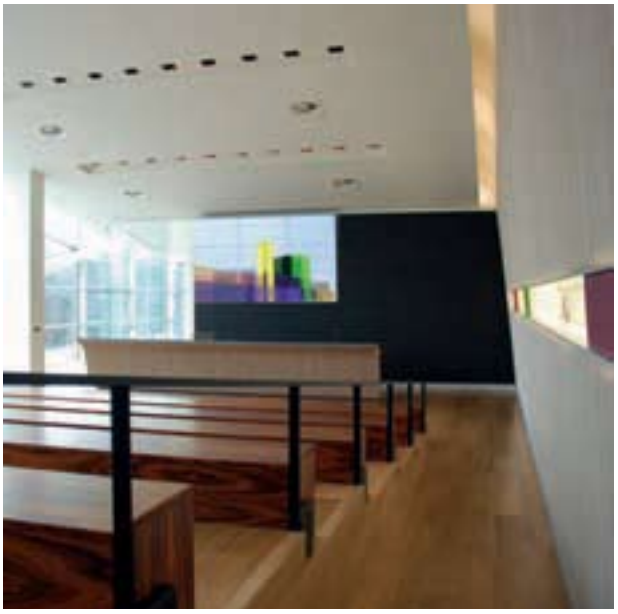
HANTAREX
ELECTRONIC SYSTEMS



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/m² 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 that 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 -Autostrade 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

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/m²
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

AIRPORTS
RAILWAYS
MALLS
BIG VENUES

OutDoor & InDoor

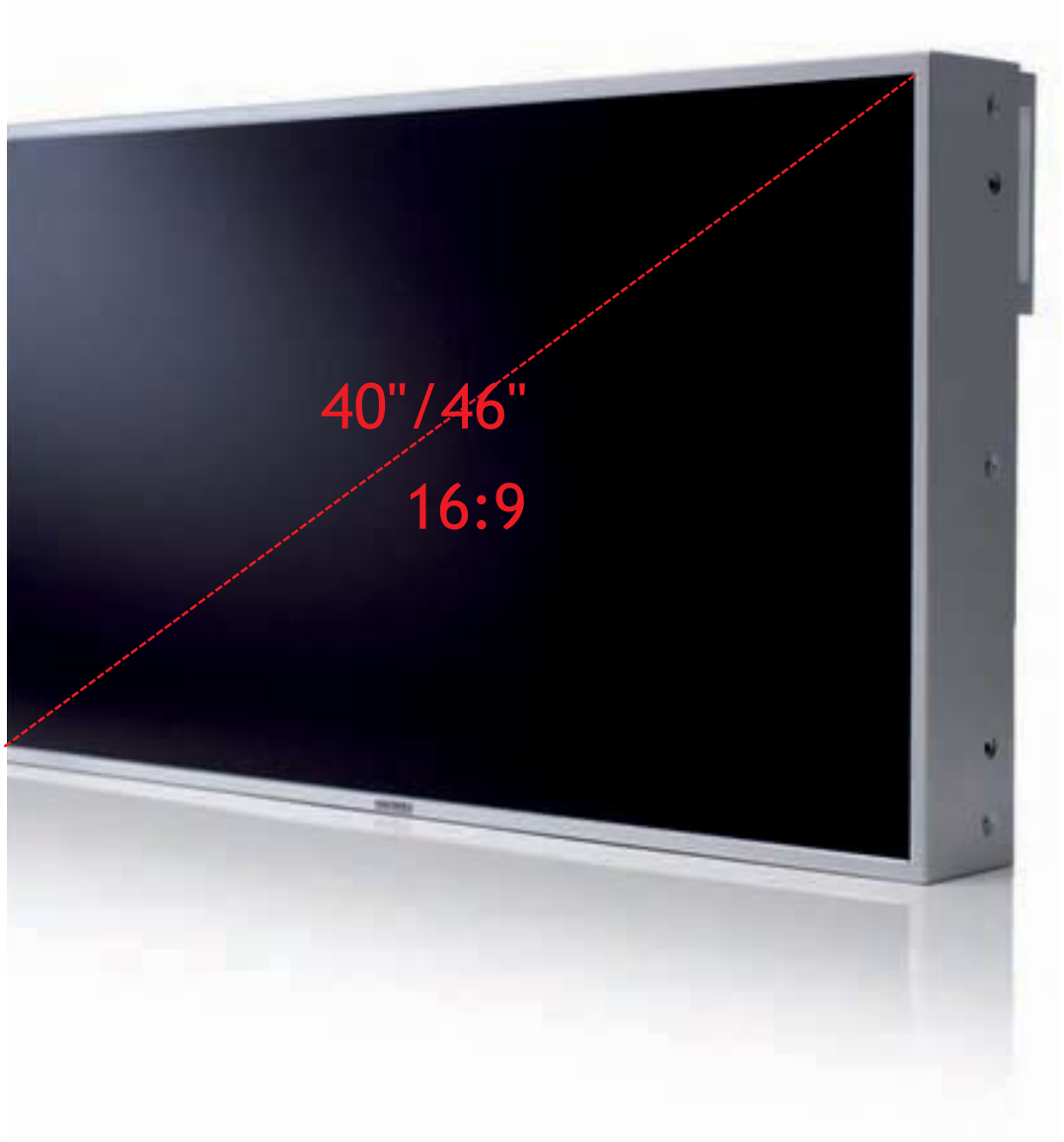
LCD NARROW BEZEL **TECHNICAL DATA**

PRODUCT NAME:		LCD 40" Narrow Bezel
DISPLAY PANEL	Screen size:	40" (1016 mm)
	Aspect Ratio:	16:9
	Resolution:	1366 (H) x 768 (V) pixels
	Pixel pitch:	0.648 (H) x 0.216 (V) [mm]
	Useful screen:	885 (H) x 497 (V) [mm]
	Brightness:	700 cd/m2 (typical)
	Contrast ratio:	2,000: 1 (typical)
	Viewing angle:	178° (in all directions)
	Colors:	16.7 Mil
	Response time:	8 mSec
CONNECTIONS	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]
	HDMI:	1 x DVI-D [Digital RGB, input] 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] Power stereo output, speakers [clinch]
	Control:	1 x Dsub-9 female [Input] USB for external infrared receiver
	Loopthrough unit	
	PC:	1 x Dsub-15 HD [Analog RGB, output]
	Control:	1 x DVI-D [Digital RGB, output] 1 x Dsub-9 female [output]
FEATURES	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
	Video signal level:	CVBS: 1 Vpp / 75 Ohm - nominal (with AGC) Y/C: 1 Vpp / 75 Ohm - nominal (with AGC) Y,Pb,Pr, 1Vpp / 75 ohm nominal
	PC compatibility:	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]
	Frequency range:	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)
	Splitter	Embedded splitter up to 5x5 with bezel compensation
	Control interfaces:	Infrared Remote Control (external) RS-232 Serial Port Commands and controls are available from any of user's interfaces
	Loopthrough unit	Remote Control are OSD assisted RS-232 pass-through VGA pass-through
CONTROLS	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 Graphics	(16:9, 14:9, 4:3, Panoramic, Zoom1, Zoom2)
	Geometry:	(16:9, 1:1, 4:3) Self adjustment of picture dimension
	Audio:	Free adjustment of picture position Mode (4 selections + user) Volume, Balance Equalizer (5 bands)
	Others:	Stereo / Dual1 / Dual2 AutomaticVolumeControl Stand-by mode Status Indication Programmable OSD aspect Screensaver (blue screen, pixel shiftl , 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
	O.S.D. Language :	D, E, F, GB, I, P
PHYSICAL	Dimensions:	915 (W) x 530 (H) x 117 (D)
	Weight:	17,5 Kg (without base)
	Mains voltage:	115/230 VAC ± 15%, 50/60 Hz
	Power consumption:	200 W
	Storage conditions:	Storage: -20°C to 65°C (max 85% RH not condensing)
	Operating conditions:	Working: 0°C to 50°C (max 85% RH not condensing)
	Class protection:	IP30
ACCESSORIES		Power cable DVI-D cable RS 232 cable Remote control with batteries External Infrared Sensor with USB connection User manual

PRODUCT NAME:		LCD 46" Narrow Bezel
DISPLAY PANEL	Screen size:	46" (1168 mm)
	Aspect Ratio:	16:9
	Resolution:	1366 (H) x 768 (V) pixels
	Pixel pitch:	0.648 (H) x 0.216 (V) [mm]
	Useful screen:	1018 (H) x 573 (V) mm
	Brightness:	700 cd/m2 (typical)
	Contrast ratio:	2,000: 1 (typical)
	Viewing angle:	178° (in all directions)
	Colors:	16.7 Mil
	Response time:	8 mSec
CONNECTIONS	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]
	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 BNC [Component stereo input] 1 x jack 3.5 mm [PC stereo input] Power stereo output, speakers [clinch]
	Control:	1 x Dsub-9 female [Input] External infrared receiver
	Loopthrough unit	
	PC:	1 x Dsub-15 HD [Analog RGB, output]
	Video:	3 x BNC [YPbPr, output]
	Control:	1 x Dsub-9 female [output]
FEATURES	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
	Video signal level:	CVBS: 1 Vpp / 75 Ohm - nominal (with AGC) Y/C: 1 Vpp / 75 Ohm - nominal (with AGC) Y,Pb,Pr, 1Vpp / 75 ohm nominal
	PC compatibility:	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]
	Frequency range:	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)
	Splitter	Embedded splitter up to 5x5 with bezel compensation
	Control interfaces:	Infrared Remote Control (external) RS-232 Serial Port Commands and controls are available from any of user's interfaces
	Loopthrough unit	Remote Control are OSD assisted RS-232 pass-through VGA pass-through
CONTROLS	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 Graphics	(16:9, 14:9, 4:3, Panoramic, Zoom1, Zoom2)
	Geometry:	(16:9, 1:1, 4:3) Self adjustment of picture dimension
	Audio:	Free adjustment of picture position Mode (4 selections + user) Volume, Balance Equalizer (5 bands)
	Others:	Stereo / Dual1 / Dual2 AutomaticVolumeControl Stand-by mode Status Indication Programmable OSD aspect Screensaver (blue screen, pixel shiftl , 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
	O.S.D. Language :	D, E, F, GB, I, P
PHYSICAL	Dimensions:	1052(W) x 605 (H) x 123 (D)
	Weight:	36,5 Kg (without base)
	Mains voltage:	110/240 VAC ± 15%, 50/60 Hz
	Power consumption:	260 W
	Storage conditions:	Storage: -20°C to 65°C (max 85% RH not condensing)
	Operating conditions:	Working: 0°C to 0°C (max 85% RH not condensing)
	Class protection:	IP30
ACCESSORIES		Power cable DVI-D cable RS 232 cable Remote control with batteries External Infrared Sensor with USB connection User manual

LCD Narrow Bezel
MODULES

VIDEOWALL



LCD MODULAR MONITORS WITH EXCELLENT BRIGHTNESS AND RESOLUTION

FOR VIDEO WALLS WITHOUT REFLECTION

www.hantarex.com

HANTAREX INTERNATIONAL LTD
Unit 14 - Forest Hill Business Centre
Clyde Vale
Forest Hill
London
SE23 3JF

UNI EN ISO 9001:2000

Tel: +44(0) 20 8778 1414
Fax: +44(0) 20 8659 9348
www.hantarex.com
sales@hantarex.com

53895210 CATALOGO DIGITAL SIGNAGE 01/2009