



VIDEOWALL  
PUBLIC INFORMATION

SEAM LESS/size 42"  
NARROW BEZEL/size 40"  
ULTRA NARROW BEZEL / size 46"



Studio für audiovisuelle Präsentationslösungen

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INFINITE SOLUTIONS FOR VISUAL COMMUNICATION

HANTAREX offers three different types of modules for video walls:

- PD 42 SL, a module for video walls with plasma monitors without gaps, Seamless.
- LCD 40 NB SR, a module for video walls with LCD HD ready monitors with narrow gaps, Narrow Bezel with a 15 mm frame.
- LCD 46 UNB SR, a module for video walls with LCD Full HD monitors with extremely narrow gaps, Ultra Narrow Bezel with a 0.3 mm frame.



2.2 mm

**PD 42" PLASMA SEAM LESS**

SCREEN SIZE 42"  
 PEAK BRIGHTNESS 1,000 cd/m<sup>2</sup> PLUS  
 CONTRAST RATIO 10,000:1  
 RESOLUTION 853x480  
 SEAM GAP 2.2 mm



15 mm

**LCD 40" NARROW BEZEL**

SCREEN SIZE 40"  
 PEAK BRIGHTNESS 700 cd/m<sup>2</sup> PLUS  
 CONTRAST RATIO 2,000:1  
 RESOLUTION 1920x1080  
 SEAM GAP 15 mm



3 mm

**LCD 46" ULTRA NARROW BEZEL**

SCREEN SIZE 46"  
 PEAK BRIGHTNESS 700 cd/m<sup>2</sup> PLUS  
 CONTRAST RATIO 3,000:1  
 RESOLUTION 1366x768  
 SEAM GAP 3 mm

**INDOOR Solutions**

SEAM LESS/size 42"  
 NARROW BEZEL/size 40"  
 ULTRA NARROW BEZEL/size 46"

PD 42" SEAM LESS **TECHNICAL DATA**

**HIGHLIGHTS**

- the modules can be infinitely expanded
- the modules consume very little energy
- the borders between the panels are invisible
- the image covers the entire surface of the monitor
- in-situ installation is very simple
- the depth is very small, the design is subtle and modern

**TAKE MAXIMUM ADVANTAGE OF PUBLICITY, THANKS TO THE "CRYSTAL-CLEAR" APPLICATION**

The HANTAREX PD42 SL combines high resolution with vivid images, ideal for publicity applications.

The advance of technology has made innovative and competitive solutions possible also in the large screen market.

Finally, plasma monitors can be used also for POS, POI, information boards and IR applications.

**'DZF' TECHNOLOGY MEANS VIDEO WALLS CAN BE SET UP WITHOUT BORDERS.**

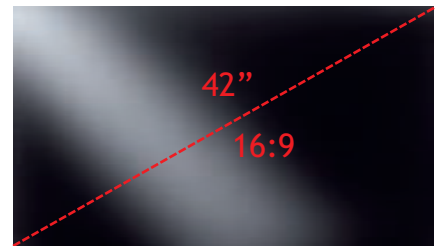
PD42 SL, made with the latest "4 side DZF", Dead Zone Free, technology illuminates the entire surface of the monitor.

The uniformity and continuity of the image on the screens mean that there is almost no gap between adjacent monitors.

Normal monitors have a gap of 60 mm; the gap between our monitors is only 5 mm.

The borderless structure, called 4-sides glass, allows you to take advantage of the complete surface of the monitor, which reduces the gap between adjacent panels to the thickness of the glass.

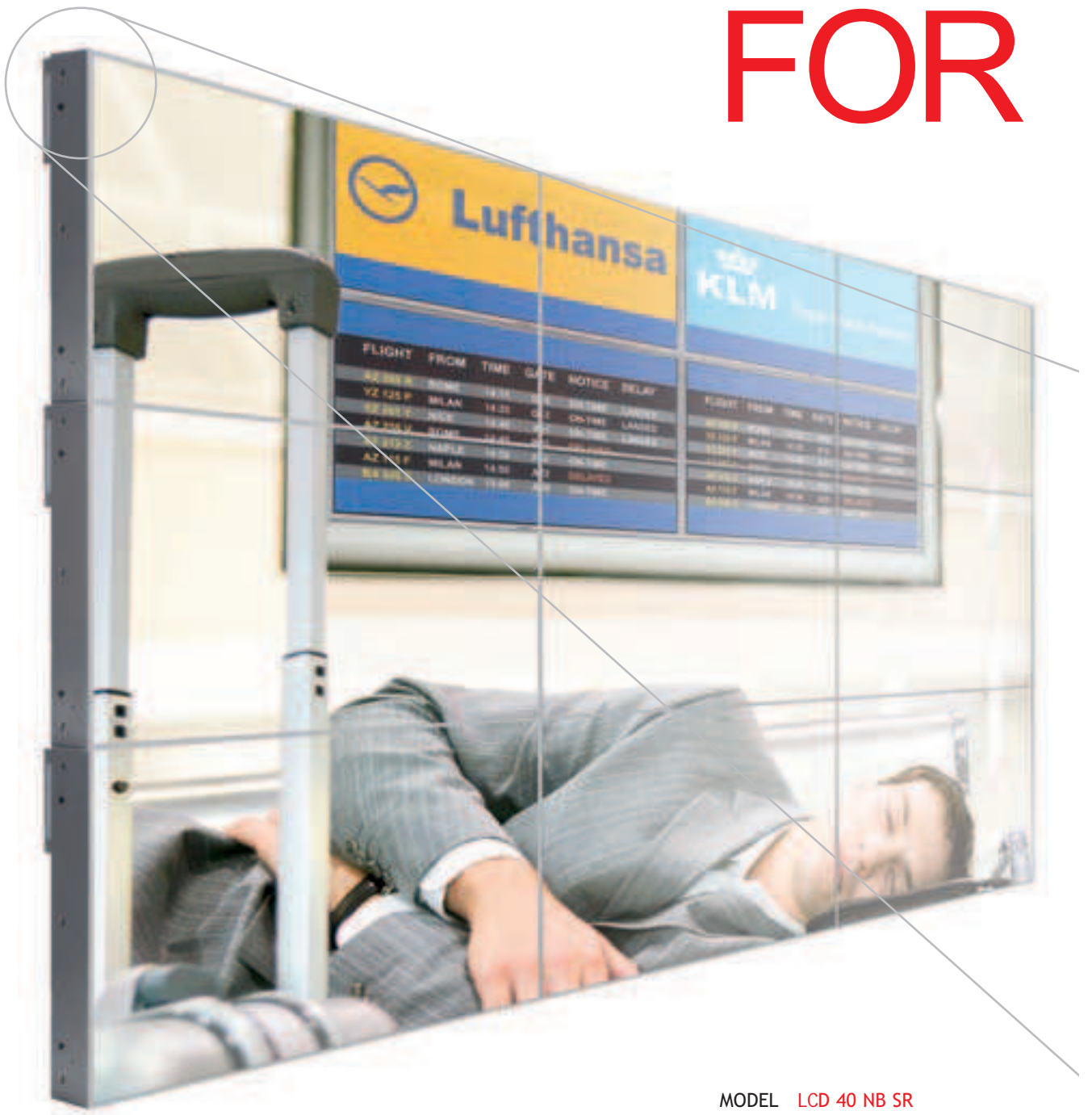
**Front**



**Back**

<b>PRODUCT NAME:</b>		<b>PD 42" SEAMLESS 4230</b>	<b>PD 42" SEAMLESS 4230R</b>
<b>DISPLAY PANEL</b>	<b>Screen size:</b>	42" (106,68 cm)	42" (106,68 cm)
	<b>Aspect Ratio:</b>	16:9	16:9
<b>CONNECTIONS</b>	<b>Resolution:</b>	853 (H) x 480 (V) pixels	853 (H) x 480 (V) pixels
	<b>Pixel pitch:</b>	1.08 [mm]	1.08 [mm]
	<b>Useful screen:</b>	924,6 (H) x 521,8 (V) [mm]	926,2 (H) x 523,6 (V) [mm]
	<b>Brightness:</b>	1000 cd/m2 (typical)	1000 cd/m2 (typical)
	<b>Contrast ratio:</b>	10000: 1 (typical)	10000: 1 (typical)
	<b>Viewing angle:</b>	178° (in all directions)	178° (in all directions)
	<b>Colors:</b>	16.7 Mil	16.7 Mil
	<b>Seam gap:</b>	2 [mm]	2 [mm]
	<b>Surface treatment:</b>	Anti glare Anti reflection (AGAR)	Anti glare Anti reflection (AGAR)
	<b>FEATURES</b>	<b>Video compatibility:</b>	PAL (BGH/D/I, M, N, 60), NTSC (M, 4.43), SECAM DTV (480i/p - 576i - 720p - 1080i)
<b>Video signal level:</b>		CVBS: 1 Vpp / 75 Ohm - nominal (with AGC) Y/C: 1 Vpp / 75 Ohm - nominal (with AGC)	CVBS: 1 Vpp / 75 Ohm - nominal (with AGC) Y/C: 1 Vpp / 75 Ohm - nominal (with AGC)
<b>PC compatibility:</b>		VGA ~ UXGA (1600x1200), NATIVE (853x488) Automatic frequency detection	VGA ~ UXGA (1600x1200), NATIVE (853x488) Automatic frequency detection
<b>PC signal level:</b>		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]
<b>Frequency range:</b>		Horizontal: 31,47 KHz ~ 75,00 KHz Vertical: 56 Hz - 85 Hz	Horizontal: 31,47 KHz ~ 75,00 KHz Vertical: 56 Hz - 85 Hz
<b>CONTROLS</b>	<b>Speakers:</b>	-	-
	<b>Control interfaces:</b>	RS-232 Serial Port B.I.C.(Burn-In Compensation) On/Off	RS-232 Serial Port B.I.C.(Burn-In Compensation) On/Off
<b>PHYSICAL</b>	<b>Dimensions:</b>	924,6 (W) x 521,8 (H) x 76,5 (D)	926,2 (W) x 523,6 (H) x 76,5 (D)
	<b>Weight:</b>	27 Kg	27 Kg
<b>ACCESSORIES</b>	<b>Mains voltage:</b>	100/240 VAC ± 15%, 50/60 Hz	100/240 VAC ± 15%, 50/60 Hz
	<b>Power consumption:</b>	300 W	300 W
	<b>Operating conditions:</b>	Storage: -20°C to 65°C (max 85% RH not condensing) Working: 0°C to 35°C (max 85% RH not condensing)	Storage: -20°C to 65°C (max 85% RH not condensing) Working: 0°C to 35°C (max 85% RH not condensing)
<b>ACCESSORIES</b>	<b>Class protection:</b>	IP20	IP20
		Power cable User's manual Multi - Screen Control software Guide Pin VGA cable RS232 cable	Power cable User's manual Multi - Screen Control software Guide Pin VGA cable RS232 cable

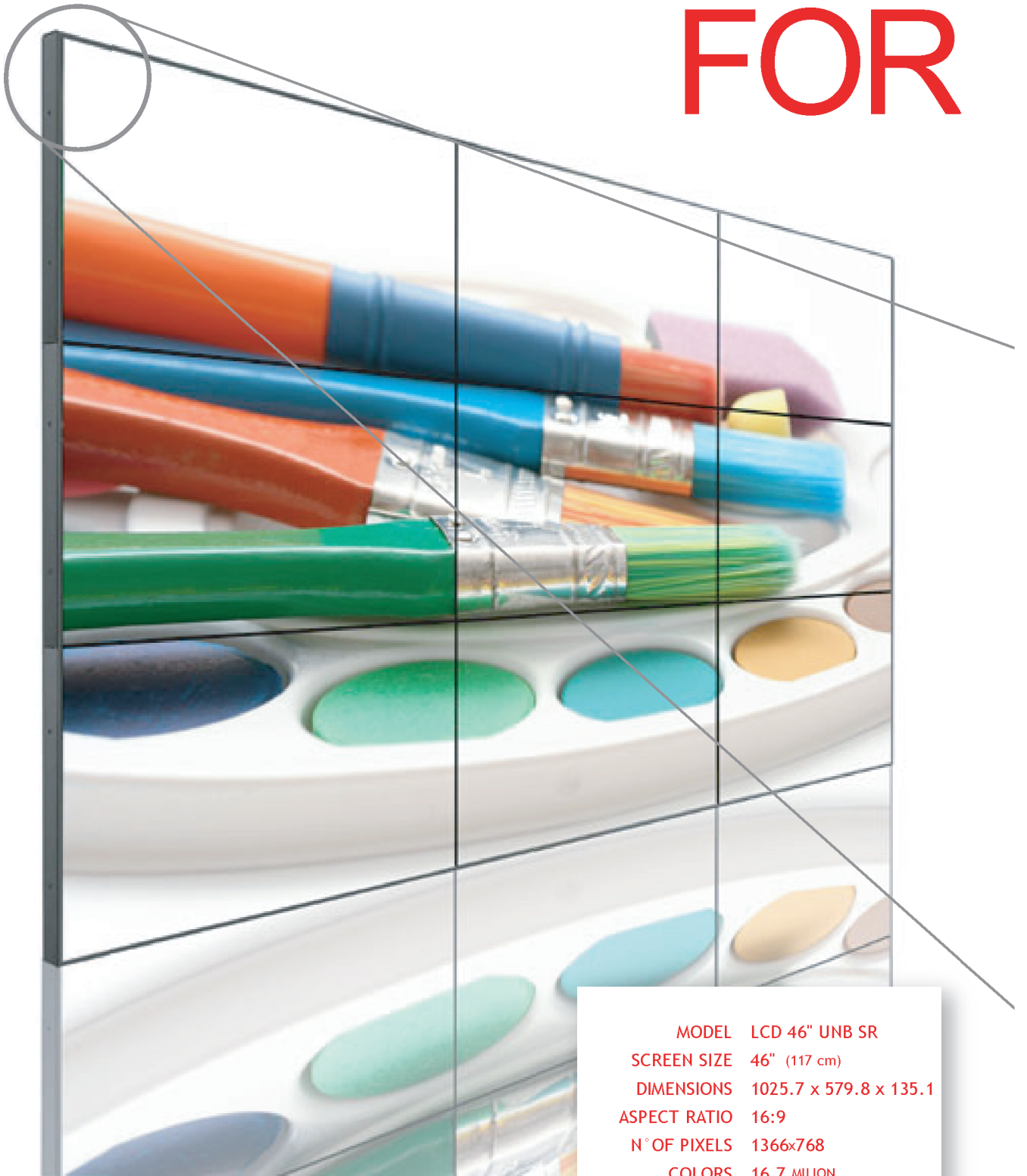
# FOR



## 40" LCD NARROW BEZEL MODULES

MODEL	LCD 40 NB SR
SCREEN SIZE	40" (101,50 cm)
DIMENSIONS	915x530x117
ASPECT RATIO	16:9
N° OF PIXELS	1920x1080
COLORS	16.7 MILION
PEAK BRIGHTNESS	700 cd/m <sup>2</sup> PLUS
CONTRAST RATIO	2,000:1
WEIGHT	17.5 KG
SEAM GAP	15 mm per side
VIDEOWALL	MULTI SCREEN

# FOR



## 46" LCD Ultra NARROW BEZEL MODULES

MODEL	LCD 46" UNB SR
SCREEN SIZE	46" (117 cm)
DIMENSIONS	1025.7 x 579.8 x 135.1
ASPECT RATIO	16:9
N° OF PIXELS	1366x768
COLORS	16.7 MILION
PEAK BRIGHTNESS	700 cd/m <sup>2</sup> PLUS
CONTRAST RATIO	3,000:1
WEIGHT	19 KG
SEAM GAP	3 mm per side
VIDEOWALL	MULTI SCREEN

LCD NARROW BEZEL & Ultra NARROW BEZEL **TECHNICAL DATA**

PRODUCT NAME:		LCD 40" Narrow Bezel	LCD 46" Ultra Narrow Bezel	
DISPLAY PANEL	Screen size	40" (1016 cm)	46" (117 cm) diagonal	
	Aspect Ratio	16:9	16:9	
CONNECTIONS	Resolution:	1920 (H) x 1080 (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 (H) x 572 (V) [mm]	
	Brightness:	700 cd/m2 (typical)	700 cd/m2 (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	
	Video:	1 x RCA [CVBS1, input only]	1 x RCA [CVBS1, input only]	1 x RCA [CVBS1, input only]
		1 x RCA [CVBS2, input only]	1 x RCA [CVBS2, input only]	1 x RCA [CVBS2, input only]
	PC:	1 x mini DIN 4 pin [Y/C, input only]	1 x mini DIN 4 pin [Y/C, input only]	1 x mini DIN 4 pin [Y/C, input only]
		3 x RCA [YPbPr, input only]	3 x RCA [YPbPr, input only]	3 x RCA [YPbPr, input only]
	HDMI:	1 x Dsub-15 HD [Analog RGB, input]	1 x Dsub-15 HD [Analog RGB, input]	1 x Dsub-15 HD [Analog RGB, input]
		1 x DVI-D [Digital RGB, input]	1 x DVI-D [Digital RGB, input]	1 x DVI-D [Digital RGB, input]
	Audio:	1 X HDMI [Audio e Video con HDCP, input only]	1 X HDMI [Audio e Video con HDCP, input only]	1 X HDMI [Audio e Video con HDCP, input only]
		2 x RCA [CVBS1 stereo input]	2 x RCA [CVBS1 stereo input]	2 x RCA [CVBS1 stereo input]
	Control:	2 x RCA [CVBS2 / S.Video stereo input]	2 x RCA [CVBS2 / S.Video stereo input]	2 x RCA [CVBS2 / S.Video stereo input]
		2 x RCA [Component stereo input]	2 x RCA [Component stereo input]	2 x RCA [Component stereo input]
	Loopthrough unit	1 x jack 3.5 mm [PC stereo input]	1 x jack 3.5 mm [PC stereo input]	1 x jack 3.5 mm [PC stereo input]
		Power stereo output, speakers [clinch]	Power stereo output, speakers [clinch]	Power stereo output, speakers [clinch]
PC:	1 x Dsub-9 female [Input]	1 x Dsub-9 female [Input]	1 x Dsub-9 female [Input]	
	USB for external infrared receiver	USB for external infrared receiver	USB for external infrared receiver	
Control:	1 x Dsub-15 HD [Analog RGB, output]	1 x Dsub-15 HD [Analog RGB, output]	1 x Dsub-15 HD [Analog RGB, output]	
	1 x DVI-D [Digital RGB, output]	1 x DVI-D [Digital RGB, output]	1 x DVI-D [Digital RGB, output]	
FEATURES	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	
Video signal level:	CVBS: 1 Vpp / 75 Ohm - nominal (with AGC)	CVBS: 1 Vpp / 75 Ohm - nominal (with AGC)	CVBS: 1 Vpp / 75 Ohm - nominal (with AGC)	
	Y,C: 1 Vpp / 75 Ohm - nominal (with AGC)	Y,C: 1 Vpp / 75 Ohm - nominal (with AGC)	Y,C: 1 Vpp / 75 Ohm - nominal (with AGC)	
PC compatibility:	Y,Pb,Pr, 1Vpp / 75 ohm nominal	Y,Pb,Pr, 1Vpp / 75 ohm nominal	Y,Pb,Pr, 1Vpp / 75 ohm nominal	
	VGA ~ WUXGA (1920x1080), NATIVE (1366x768)	VGA ~ WUXGA (1920x1080), NATIVE (1366x768)	VGA ~ WUXGA (1920x1080), NATIVE (1366x768)	
Automatic frequency detection	RGB: 0.7 Vpp / 75 Ohm (RGB), TTL (HV)	RGB: 0.7 Vpp / 75 Ohm (RGB), TTL (HV)	RGB: 0.7 Vpp / 75 Ohm (RGB), TTL (HV)	
	1 x DVI-D [Digital RGB, input only]	1 x DVI-D [Digital RGB, input only]	1 x DVI-D [Digital RGB, input only]	
Frequency range	Horizontal: 20 KHz - 82 KHz	Horizontal: 20 KHz - 82 KHz	Horizontal: 20 KHz - 82 KHz	
	Vertical: 55 Hz - 90 Hz	Vertical: 55 Hz - 90 Hz	Vertical: 55 Hz - 90 Hz	
Audio signal level:	Audio Input: 0.15 to 1 V	Audio Input: 0.15 to 1 V	Audio Input: 0.15 to 1 V	
	Audio Output: 2 x 7W (10% THD)	Audio Output: 2 x 7W (10% THD)	Audio Output: 2 x 7W (10% THD)	
Splitter	Embedded splitter up to 5x5 with bezel compensation	Embedded splitter up to 5x5 with bezel compensation	Embedded splitter up to 5x5 with bezel compensation	
	Infrared Remote Control (external)	Infrared Remote Control (external)	Infrared Remote Control (external)	
Control interfaces:	RS-232 Serial Port	RS-232 Serial Port	RS-232 Serial Port	
	Commands and controls are available from any of user's interfaces	Commands and controls are available from any of user's interfaces	Commands and controls are available from any of user's interfaces	
Loopthrough unit	Remote Control are OSD assisted	Remote Control are OSD assisted	Remote Control are OSD assisted	
	RS-232 pass-through	RS-232 pass-through	RS-232 pass-through	
VGA pass-through	VGA pass-through	VGA pass-through	VGA pass-through	
	All inputs converted to DVI and retransmitted	All inputs converted to DVI and retransmitted	All inputs converted to DVI and retransmitted	
Mode (4 selections + user)	Brightness, Contrast, Color, Sharpness	Brightness, Contrast, Color, Sharpness	Brightness, Contrast, Color, Sharpness	
	Colour temperature (5 selections + user)	Colour temperature (5 selections + user)	Colour temperature (5 selections + user)	
Still frame	Source selection	Source selection	Source selection	
	(16:9, 14:9, 4:3, Panoramic, Zoom1, Zoom2)	(16:9, 14:9, 4:3, Panoramic, Zoom1, Zoom2)	(16:9, 14:9, 4:3, Panoramic, Zoom1, Zoom2)	
Size Video	Self adjustment of picture dimension	Self adjustment of picture dimension	Self adjustment of picture dimension	
	Free adjustment of picture position	Free adjustment of picture position	Free adjustment of picture position	
Audio:	Mode (4 selections + user)	Mode (4 selections + user)	Mode (4 selections + user)	
	Volume, Balance	Volume, Balance	Volume, Balance	
Equalizer (5 bands)	Stereo / Dual1 / Dual2	Stereo / Dual1 / Dual2	Stereo / Dual1 / Dual2	
	AutomaticVolumeControl	AutomaticVolumeControl	AutomaticVolumeControl	
Stand-by mode	Status Indication	Status Indication	Status Indication	
	Programmable OSD aspect	Programmable OSD aspect	Programmable OSD aspect	
Screensaver	(blue screen, pixel shift, wiper, gray background)	(blue screen, pixel shift, wiper, gray background)	(blue screen, pixel shift, wiper, gray background)	
	Fan automatic manage/cooling	Fan automatic manage/cooling	Fan automatic manage/cooling	
Resize/Shift Multi Screen Function (up to 5x5)	External IR sensor with USB connection	External IR sensor with USB connection	External IR sensor with USB connection	
	Timer (time, wake-up, sleep)	Timer (time, wake-up, sleep)	Timer (time, wake-up, sleep)	
Display address selection	DPMS	DPMS	DPMS	
	Auto Input Search	Auto Input Search	Auto Input Search	
O.S.D. Language :	D, E, F, GB, I, P	D, E, F, GB, I, P	D, E, F, GB, I, P	
	Dimensions:	915 (W) x 530 (H) x 117 (D)	1025.7 (W) x 579.8 (H) x 135.1 (D)	
Gap:	30 mm (15mm / left + 15mm / right)	6 mm (4mm up / left + 2mm bottom / right)		
	Weight:	17.5 Kg	19 Kg	
Mains voltage	115/230 VAC ± 15%, 50/60 Hz	115/230 VAC ± 15%, 50/60 Hz		
	Power consumption:	200 W	200 W	
Storage conditions:	Storage: -20°C to 65°C (max 85% RH not condensing)	Storage: -20°C to 65°C (max 85% RH not condensing)		
	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		
	Power cable	Power cable	Power cable	
DVI-D cable	DVI-D cable	DVI-D cable	DVI-D 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	
	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	

**HIGHLIGHTS**

LCD 46" NB/UNB can have on **special request** a patented **Easy-Sliding Rack PC** integrated in the back of the monitor that supplies Integrated System Solutions to the FID and PID applications.

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, till 3.000:1, and a brightness of 700 cd/mq and a Full HD 1920 x 1080 resolution.

