



MONITOR

LCD SQ
LCD QUADRO
LCD RPC

SIZE 32" . 40" . 46" . 57" . 70" . 82"



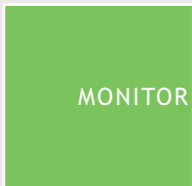
CONTENTS AVAILABLE 24/7



MONASTIR, TUNISIA - HABIB BOURGUIBA INTERNATIONAL AIRPORT

The **Digital Signage** range monitors open a new era of visual communications optimizing the efficiency and quality of work in any application and in any sector. Excellent image quality and large screens, **HANTAREX** monitors dedicated to **Digital Signage** are the ideal solution of applications where image quality and perfect viewing are fundamental.

OUTDOOR & INDOOR HORIZONTAL



MONITOR HORIZONTAL CONFIGURATION
LANDSCAPE MODE



32"



40"



46"



57"



70"



82"

APPLICATIONS

WHERE?

IN AIRPORTS AND STATIONS

The image sharpness and perfect readability of the text displayed on these monitors give passengers the latest information about arrivals and departures.

IN RESTAURANTS

The high definition and reliability of the various types and models of the range allow daily specials or offers to be shown easily and clearly.

IN BANKS

For high brightness and great contrast in daylight and no 'burn-in' effect after still images and/or detailed text is displayed.

IN CONFERENCE HALLS

To improve communication and presentations in meetings thanks to lively colors and vivid images.

IN RECEPTION HALLS

They allow you to present your brand and your organization to visitors with high quality images and clips.

MALLS

To offer the possibility of unlimited publicity and innumerable ways to communicate efficiently.



& EASY DISPLAY NETWORK

All HANTAREX MONITORS can have the new 'Network Neptune' function upon request. This is a card/player that allows a "network" of monitors, called Clients, to be set up without a PC embedded in each single display/client for programming and content management.

(see page 62)

RETAIL COMMUNICATIONS

Exceptional image quality with Full HD of 1,920 x 1,080 pixel resolution make the communications a realistic and productive experience.



LISBON, PORTUGAL - LUSOMUNDO CINEMAS MÚLTIPLEX SAPO

Do you want to improve your visual communications? Get an advantage with a new tool.

Display publicity and information with **VERTICAL** monitors from HANTAREX. HANTAREX monitors dedicated to Digital Signage can be used also for vertical applications as a high resolution sign for airports, stations and malls.

OUTDOOR & INDOOR VERTICAL

MONITOR VERTICAL CONFIGURATION
PORTRAIT MODE

THE ADVANTAGES OF HIGH DEFINITION

One screen with a resolution of 1920 x 1080 pixels allows better viewing reducing the need to scroll.



APPLICATIONS FOR WHAT?

EVENTS AND SHOWS

To supply information to spectators in all the various angles to the screen keeping all of them entertained.

MEETINGS

To transmit visual messages to management. Also from a distance and in very bright light, **HANTAREX** monitors do not lose the liveliness of the colors and the sharpness of the images.

RAILROAD INFORMATION

To display all the detailed information on just one screen helping passengers find their destination with animation and visual effects. These monitors ability to display images and text clearly without blurred areas are the clear difference between them and their competitors.

DESIGNING WITH A TEAM

To share the entire design process as well as "visualize" all the details of the more components and the more sophisticated designs. With the large LCD monitors, everyone is able to see and examine the design from any angle.



LISBON, PORTUGAL - ASTON MARTIN FLAGSHIP STORE



MILAN, ITALY - MONDADORI INFORMATICA CHAIN SHOP, MALPENSA INTERNATIONAL AIRPORT

& IMAGE QUALITY

HANTAREX high resolution monitors of the **Digital Signage** range clearly display detailed information that comes from any source.



32"



40"



46"



57"



70"



82"

CUSTOM INSTALLATIONS

MUNICIPALITIES AND SERVICES

- Transportation
- Hospitals
- Centralized energy
- Port authorities
- Public Parks
- Service Areas

URBAN FURNISHINGS

- Bus stop
- Information booths-News stands
- Telephone booths
- In-Store Displays
- Interactive show cases
- Outlet information

TRANSPORTATION

- Publicity in the transit zones
of airports and train and subway stations

OUTDOOR SIGNAGE APPLICATIONS

- Stadiums, sport centers,
golf courses, beach resorts,
ski resorts, Outdoor events

REAL TIME MONITORING

The large, high resolution screen allows images from various surveillance cameras and other data on just one screen in real time.



RIGA, LATVIA
ROYAL SQUARE PRESIDENT HOTEL



RIGA, LATVIA
ROYAL SQUARE PRESIDENT HOTEL

OUTDOOR & INDOOR

ATHENS, GREECE
ERT BROADCASTING TV



ATHENS, GREECE
ERT BROADCASTING TV

ATHENS, GREECE
ERT BROADCASTING TV



ATHENS, GREECE
ERT BROADCASTING TV

FULL HD RESOLUTION

HANTAREX monitors' original resolution is 1,920 x 1,080 pixels, which means the impact is dynamic with realistic colors, clear images and perfectly readable text on a large screen. The monitors are able to receive a signal from 1,080p from the start for both the analog and digital input from a PC that is the source of HD video through a DVI (HDCP compatible) interface. The special **Front Filter** on all HANTAREX monitors dedicated to Digital Signage reduces reflection from the screen.

THE MONITORS RANGE

TOTAL DISPLAY SOLUTIONS

MONITOR

HANTAREX high resolution monitors are available in three versions and they are available in various models and functions. The Ranges,

- QUADRO
- SQUARE
- OUTDOOR

have been created to satisfy all the needs for video information applications for heavy traffic that require an integrated system of monitors with special technologic characteristics. These monitors are able to communicate with a centralized data base that manages data and information remotely, simply and directly. The monitors in this range can be integrated with a centralized system depending on the type of rapid connection systems and are an excellent compromise between quality, functionality and cost.

TECHNICAL ADVANTAGES

The optional antireflection treatment, ample wide angle viewing, notable brightness and high contrast are factors that optimize the image quality also in very bright light.

NO FAN AND AN INTEGRATED HEAT SENSOR

These monitors have been designed to guarantee ventilation and heat dissipation without a fan, which often makes noise and accumulates dust. When the temperature inside these monitors rises for any reason, the monitors automatically control the rear illumination system, maintaining it below the maximum operating temperature. Therefore, the monitor automatically goes to standby mode when the internal temperature is higher than the optimum operating temperature.

CABINET WITH METAL REAR AND HANDLE

These monitors are housed in a metal cabinet with a sturdy rear panel and with handles to transport the monitor. These monitors also have mounting holes that conform to VESA specification, so the monitors can be mounted to standard wall brackets that can be bought in a shop.

DESIGNED FOR PROFESSIONAL USE

The sturdy cabinet and the well chosen components guarantee reliability even in applications that require prolonged use, for example: point of sales communications, external publicity, mass transit and security monitoring.



OUTDOOR & INDOOR



GAMMA QUADRO LCD FULL HD, DID HD,
QUADRO LCD 46" HI-BRIGHT 1.500 CD/M

- QUADRO LCD 32" Full HD
- QUADRO LCD 42" Full HD
- QUADRO LCD 46" DID HD
- QUADRO LCD 46" HI-BRIGHT 1.500 CD/M
- QUADRO LCD 46" Full HD
- QUADRO LCD 57" Full HD
- QUADRO LCD 70" Full HD
- QUADRO LCD 82" Full HD

The above mentioned models have the **QUADRO** style and are available with the following **FUNCTIONALITIES**:

- STANDARD base version
- RPC3 with Embedded PC (Mini ITX PC) or with a 'NETWORK NEPTUNE' CARD/PLAYER, to manage programming and display content in the various modes
- With optional SCREEN PROTECTION/ANTIREFLECTION
- TOUCH SCREEN OPTIC version

& OPTIC TOUCH SCREEN

The new **QUADRO Touch Screen Optical** range, provided with the latest passive-border technology patent-pending, radically reduces the quantity and complexity of electronic components is the solution for high performance, cost-effective requirements. Exceptional clarity, low power consumption and improved resistance to environmental conditions are advantages expected by the product's range. The Optical **Touch Screen Quadro** serie not only provides traditional touch functions such as point,

click, drag and drop, but also benefits such as pan, pinch, double-tap and scroll.

FEATURES

- Calibration: once-only, four-points with no drift
- USB plug-and-play: one cable for power and communications
- Orientation: landscape or portrait
- Clear glass: maximum clarity
- Light touch: no pressure required
- Any touch: finger, gloved hand or pointer

TOUCH SCREEN

This range, in various sizes and functional models, has the **QUADRO** style and is available with the following **FUNCTIONALITIES**:

- **STANDARD** base version
- **RPC3** with **Embedded PC** (Mini ITX PC) or with a '**NETWORK NEPTUNE**' **CARD/PLAYER**, to manage programming and display content in the various modes
- With optional **SCREEN PROTECTION/ANTIREFLECTION**
- **TOUCH SCREEN OPTIC** version

This range has been expressly designed and re-built for particular video information installations such as airports, train stations, trade shows, museums, hotels, malls, etc. The LCD monitors in this range are one of the most significant and innovative professional solutions, because the various models can be modified, each one has the functionalities required by the situation, which changes with areas with heavy traffic or the **Digital Signage** application.

Besides the **STANDARD** version there are all the basic connections and functionalities such as the possibility to connect all the monitors in **Loop-Through**, the range has a special model with an **embedded PC Rack (RPC3)**, which includes an **integrated Embedded PC** (Mini ITX PC), or the integration of a '**NETWORK NEPTUNE**' card/player.

Both models can manage programming and display content according to the various modes. The PC's characteristics can be chosen from the system integrator, configured to manage content locally and automatically display data and images. The PC is inserted in the monitor cabinet and can be easily extracted by sliding it from the rear of the cabinet.

In case an integrated PC is not necessary, the '**NETWORK NEPTUNE**' card/player allows you to manage the **Digital Signage** programming and/or content easily and remotely. Each card can have a solid SDD or a simple HDD memory.

For a complete description of the '**NETWORK NEPTUNE**' card, see page 62.

Also this range can be supplied as special model/functionality with a special **antireflection filter** that eliminates any problems caused by very bright light.

Last, but not least the **QUADRO** range is also available in the special model with **Optic Touch Screen** functionality, that allows an even more interactive usability of **Digital Signage** or general info/advertising contents. **Hantarex's** ability to give professional and personalized solutions is highlighted also in this range of products. In fact, it is possible to personalize the configuration of the software and hardware of the PC integrated in the monitor as well as the structure and style of the monitor itself.

STRUCTURAL ADVANTAGED

The reinforced aluminum structure, engineered to guarantee the best quality and reliability, responds to the IP categories and all the parameters can be checked with a simple RS 232 interface.

Particular video information applications are also available upon request, for example: large LCD screens of 57", 70" and 82" that have a resolution of 1920x1080 pixels and extremely high contrast and brightness, not to mention the possibility to have an integrated PC as in the smaller versions.

GAMMA QUADRO LCD HD
HI-BRIGHT 1.500 CD/M, FULL HD

MONITOR

- QUADRO LCD 32" Full HD
- QUADRO LCD 42" Full HD
- QUADRO LCD 46" DID HD
- QUADRO LCD 46" HI-BRIGHT 1.500 CD/M
- QUADRO LCD 46" Full HD
- QUADRO LCD 57" Full HD
- QUADRO LCD 70" Full HD
- QUADRO LCD 82" Full HD



SQUARE

& AUTO-DIAGNOSIS

HANTAREX monitors in the Digital Signage range record data relative to how it works with an auto-diagnosis function helping service personnel and network operators to identify problems.



Gamma SQUARE LCD FIDS Airport HD ready/Full HD

- SQUARE LCD 32" FIDS Airport HD ready
- SQUARE LCD 40" FIDS Airport HD ready
- SQUARE LCD 42" FIDS Airport Full HD
- SQUARE LCD 57" FIDS Airport Full HD

The above mentioned models have the **SQUARE** style and have the following characteristics:

- AUTO-DIAGNOSIS software, to continually check the monitor's performance and working conditions
- International APPROVAL of all the software and control systems for airport FID information
- Optional ANTIREFLECTION SCREEN
- Optional IP54 resistant screen
- IP30 standards

OUTDOOR

The MONITORS in the SQUARE FIDS AIRPORT range have all the characteristics necessary for airport and/or train station applications where the main requirements are as follows:

- AUTO-DIAGNOSIS software that remotely controls the functions and stability in order to:
 - remotely disable the monitor's keyboard
 - remotely disable the infrared remote control
 - verify that the signal displayed corresponds with the one managed from the central control station
 - constantly control the cooling fan to prevent the monitor from overheating
 - control the temperature inside the monitor to prevent the monitor from overheating
 - automatically control the monitor's brightness according to the existing lighting
- International APPROVAL of all the software and control systems for airport FID information
- Optional ANTI REFLECTION SCREEN, special Front Filter on the external surface of the screen that eliminates reflections, which are a common problem in brightly lighted areas.
- Optional IP54 resistant screen
- IP30 standards
- Upon request, special "advanced" functions are available, including:
 - constant monitoring of the monitor's backlight lamp
 - continuous verification of the power supply
 - monitoring the presence of passer-bys with a passive infrared sensor.

Therefore, the SQUARE FID AIRPORT range is Hantarex's best proposal for all information display applications including traffic conditions and mass transit.

GAMMA SQUARE LCD FIDS AIRPORT
HD READY/FULL HD

MONITOR

SQUARE LCD 32" FIDS Airport HD ready
SQUARE LCD 40" FIDS Airport HD ready

SQUARE LCD 42" FIDS Airport Full HD
SQUARE LCD 57" FIDS Airport Full HD



OUTDOOR LCD 40" HD DID
OUTDOOR LCD 42" HD TRANSFLECTIVE
OUTDOOR LCD 46" HI-BRIGHT 1.500 CD/M

OUTDOOR

The above mentioned models have the OUTDOOR style, which means that they are VANDALPROOF, WATERPROOF and AIR CONDITIONED. They are ideal for any and all OUTDOOR applications where a special, cabinet that is resistant to weather and vandals is necessary. The brightness level depends on the display panel.

TECHNICAL DATA

PRODUCT NAME:

QUADRO LCD 46" FullHD

QUADRO LCD 52" FullHD

	QUADRO LCD 46" FullHD	QUADRO LCD 52" FullHD
DISPLAY PANEL	<p>Screen size: 46" (116,8 cm) diagonal</p> <p>Aspect Ratio: 16:9</p> <p>Resolution: 1920 (H) x 1080 (V) pixels</p> <p>Pixel pitch: 0,17 (H) x 0,17 (V) [mm]</p> <p>Useful screen: 1018 (H) x 572 (V) [mm]</p> <p>Brightness: 500 cd/m2 (typical)</p> <p>Contrast ratio: 1800:1 (typical)</p> <p>Viewing angle: 178° (in all directions)</p> <p>Colors: 16,7 Mil</p> <p>Response time: 8 ms</p>	<p>Screen size: 52" (132 cm) diagonal</p> <p>Aspect Ratio: 16:9</p> <p>Resolution: 1920 (H) x 1080 (V) pixels</p> <p>Pixel pitch: 0,6 (H) x 0,6 (V) [mm]</p> <p>Useful screen: 1152 (H) x 648 (V) [mm]</p> <p>Brightness: 500 cd/m2 (typical)</p> <p>Contrast ratio: 3,000:1 (typical)</p> <p>Viewing angle: 178° (in all directions)</p> <p>Colors: 16,7 Mil</p> <p>Response time: 8 ms</p>
CONNECTIONS	<p>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]</p> <p>PC: 1 x Dsub-15 HD [Analog RGB, input] 1 x DVI-D [Digital RGB, input]</p> <p>HDMI: 1 X HDMI (with HDCP, input only)</p> <p>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] 1 x Dsub-9 female [Input]</p> <p>Control: 1 x Dsub-9 female [Input]</p> <p>Loophthrough unit: 1 x Dsub-15 HD [Analog RGB, output] 1 x DVI-D [Digital RGB, output] 1 x Dsub-9 female [output]</p>	<p>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]</p> <p>PC: 1 x Dsub-15 HD [Analog RGB, input] 1 x DVI-D [Digital RGB, input]</p> <p>HDMI: 1 X HDMI (with HDCP, input only)</p> <p>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] 1 x Dsub-9 female [Input]</p> <p>Control: 1 x Dsub-9 female [Input]</p> <p>Loophthrough unit: 1 x Dsub-15 HD [Analog RGB, output] 1 x DVI-D [Digital RGB, output] 1 x Dsub-9 female [output]</p>
FEATURES	<p>Video compatibility: PAL (BGH/D/, M, N, 60), NTSC (M, 4.43), SECAM HDMI [supporting CEA-861B specs. HDCP 1.1]</p> <p>DTV: 480i/p, 576i/p, 720p, 1080i / 50-60 Hz, 1080p / 60 Hz</p> <p>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</p> <p>PC compatibility: VGA ~ WUXGA (1920x1080), NATIVE (1920 x 1080) Automatic frequency detection</p> <p>PC signal level: RGB: 0.7 Vpp / 75 Ohm (RGB), TTL (HV) 1 x DVI-D [Digital RGB, input only]</p> <p>Frequency range: Horizontal: 20 KHz - 82 KHz Vertical: 55 Hz - 90 Hz</p> <p>Audio signal level: Audio Input: 0.15 to 1 V Audio Output: 2 x 7W (10% THD)</p> <p>Videowall: Embedded splitter up to 5x5 with bezel compensation</p> <p>Control interfaces: Infrared Remote Control RS-232 Serial Port Commands and controls are available from any of user's interfaces Remote Control are OSD assisted</p> <p>Loophthrough unit: RS-232 pass-through VGA pass-through All inputs converted to DVI and retransmitted (up to 25 hops)</p>	<p>Video compatibility: PAL (BGH/D/, M, N, 60), NTSC (M, 4.43), SECAM HDMI [supporting CEA-861B specs. HDCP 1.1]</p> <p>DTV: 480i/p, 576i/p, 720p, 1080i / 50-60 Hz, 1080p / 60 Hz</p> <p>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</p> <p>PC compatibility: VGA ~ WUXGA (1920x1080), NATIVE (1920 x 1080) Automatic frequency detection</p> <p>PC signal level: RGB: 0.7 Vpp / 75 Ohm (RGB), TTL (HV) 1 x DVI-D [Digital RGB, input only]</p> <p>Frequency range: Horizontal: 20 KHz - 82 KHz Vertical: 55 Hz - 90 Hz</p> <p>Audio signal level: Audio Input: 0.15 to 1 V Audio Output: 2 x 7W (10% THD)</p> <p>Videowall: Embedded splitter up to 5x5 with bezel compensation</p> <p>Control interfaces: Infrared Remote Control RS-232 Serial Port Commands and controls are available from any of user's interfaces Remote Control are OSD assisted</p> <p>Loophthrough unit: RS-232 pass-through VGA pass-through All inputs converted to DVI and retransmitted (up to 25 hops)</p>
CONTROLS	<p>Video: All inputs converted to DVI and retransmitted (up to 25 hops) Preset (4 selections + user) Brightness, Contrast, Color, Sharpness Colour temperature (5 selections + user) Still frame Source selection</p> <p>Geometry: Self adjustment of picture dimension Free adjustment of picture position Selection of format presets (for compatibility with 4:3 and 16:9 pictures) Uncompressed Mode (PC input, with selection of the displayed area)</p> <p>Audio: Presets (4 selections + user) Volume, Balance Equalizer (5 bands) MTS AVC</p> <p>Videowall: Size max up to 5 x 5 Bezel compensation Stand-by mode Status Indication</p> <p>Others: Programmable OSD aspect Screensaver (blue screen, pixel shift / wiper, gray background) Automatic temperature control with threshold setting Timer (time, wake-up, sleep) Display address selection DPMS Auto Input Search DE, ES, FR, EN, IT, PT Key board control (On/Off) IR Control (On/Off) Input Signal presence check Fans status check Internal temperature check Ambient light control Presence control (Optional) Shoch sensor (Optional)</p>	<p>Video: All inputs converted to DVI and retransmitted (up to 25 hops) Preset (4 selections + user) Brightness, Contrast, Color, Sharpness Colour temperature (5 selections + user) Still frame Source selection</p> <p>Geometry: Self adjustment of picture dimension Free adjustment of picture position Selection of format presets (for compatibility with 4:3 and 16:9 pictures) Uncompressed Mode (PC input, with selection of the displayed area)</p> <p>Audio: Presets (4 selections + user) Volume, Balance Equalizer (5 bands) MTS AVC</p> <p>Videowall: Size max up to 5 x 5 Bezel compensation Stand-by mode Status Indication</p> <p>Others: Programmable OSD aspect Screensaver (blue screen, pixel shift / wiper, gray background) Automatic temperature control with threshold setting Timer (time, wake-up, sleep) Display address selection DPMS Auto Input Search DE, ES, FR, EN, IT, PT Key board control (On/Off) IR Control (On/Off) Input Signal presence check Fans status check Internal temperature check Ambient light control Presence control (Optional) Shoch sensor (Optional)</p>
DIAGNOSTIC	<p>Language: Self diagnostic functions available through the RS232 serial port:</p>	<p>Language: Self diagnostic functions available through the RS232 serial port:</p>
PHYSICAL	<p>Dimensions: 1136 (W) x 680 (H) x 125 (D)</p> <p>Weight: 48 Kg (without base)</p> <p>Mains voltage: 115/230 VAC ± 15%, 50/60 Hz</p> <p>Power consumption: 300 W</p> <p>Operating conditions: Storage: -20°C to 65°C (max 85% RH not condensing) Working: 0°C to 50°C (max 85% RH not condensing)</p> <p>Class protection: IP30</p>	<p>Dimensions: 1136 (W) x 680 (H) x 125 (D)</p> <p>Weight: 48 Kg (without base)</p> <p>Mains voltage: 115/230 VAC ± 15%, 50/60 Hz</p> <p>Power consumption: 350 W</p> <p>Operating conditions: Storage: -20°C to 65°C (max 85% RH not condensing) Working: 0°C to 50°C (max 85% RH not condensing)</p> <p>Class protection: IP30</p>
ACCESSORIES	<p>Power cable Remote control with batteries User manual</p>	<p>Power cable Remote control with batteries User manual</p>

QUADRO LCD 57" FullHD

57" (145 cm) diagonal
16.9
1920 (H) x 1080 (V) pixels
0.21 (H) x 0.65 (V) [mm]
1251 (H) x 704 (V) [mm]
600 cd/m2 (typical)
2,000:1 (typical)

178° (in all directions)
16.7 Mil
8 ms

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]
1 x Dsub-15 HD [Analog RGB, input]
1 x DVI-D [Digital RGB, input]
1 X HDMI (with HDCP, input only)
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]
1 x Dsub-9 female [Input]
1 x Dsub-15 HD [Analog RGB, output]
1 x DVI-D [Digital RGB, output]
1 x Dsub-9 female [output]

PAL (BGH/D/I, M, N, 60), NTSC (M, 4.43), SECAM
HDMI [supporting CEA-861B specs. HDCP 1.1]
480i/p, 576i/p, 720p, 1080i / 50-60 Hz, 1080p / 60 Hz
CVBS: 1 Vpp / 75 Ohm - nominal (with AGC)
Y/C: 1 Vpp / 75 Ohm - nominal (with AGC)
Y,Pb,Pr, 1Vpp / 75 ohm nominal
VGA ~ WUXGA (1920x1080), NATIVE (1920 x 1080)

Automatic frequency detection
RGB: 0.7 Vpp / 75 Ohm (RGB), TTL (HV)
1 x DVI-D [Digital RGB, input only]
Horizontal: 20 KHz - 82 KHz
Vertical: 55 Hz - 90 Hz
Audio Input: 0.15 to 1 V
Audio Output: 2 x 7W (10% THD)
Embedded splitter up to 5x5 with bezel compensation
Infrared Remote Control
RS-232 Serial Port

Commands and controls are available from any of user's interfaces
Remote Control are OSD assisted

RS-232 pass-through
VGA pass-through

All inputs converted to DVI and retransmitted (up to 25 hops)

Preset (4 selections + user)
Brightness, Contrast, Color, Sharpness
Colour temperature (5 selections + user)
Still frame
Source selection
Self adjustment of picture dimension
Free adjustment of picture position
Selection of format presets
(for compatibility with 4:3 and 16:9 pictures)
Uncompressed Mode
(PC input, with selection of the displayed area)
Presets (4 selections + user)
Volume, Balance
Equalizer (5 bands)
MTS
AVC
Size max up to 5 x 5
Bezel compensation
Stand-by mode
Status Indication
Programmable OSD aspect

Screensaver (blue screen, pixel shift, wiper, gray background)

Automatic temperature control with threshold setting

Timer (time, wake-up, sleep)

Display address selection

DPMS

Auto Input Search

DE, ES, FR, EN, IT, PT

Key board control (On/Off)

IR Control (On/Off)

Input Signal presence check

Fans status check

Internal temperature check

Ambient light control

Presence control (Optional)

Shock sensor (Optional)

1375 (W) x 828 (H) x 132 (D) (approx)

115/230 VAC ± 15%, 50/60 Hz

430 W

Storage: -20°C to 65°C (max 85% RH not condensing)

Working: 0°C to 50°C (max 85% RH not condensing)

IP30

Power cable

Remote control with batteries

User manual

QUADRO LCD 70" FullHD

70" (178 cm diagonal)
16.9
1920 (H) x 1080 (V) pixels
0,607 (H) x 0,807 (V) [mm]
1549 (H) x 872 (V) [mm]
600 cd/m2 (typical)
1500:1 (typical)

178° (in all directions)
16.7 Mil
8 ms

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]
1 x Dsub-15 HD [Analog RGB, input]
1 x DVI-D [Digital RGB, input]
1 X HDMI (with HDCP, input only)
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]
1 x Dsub-9 female [Input]
1 x Dsub-15 HD [Analog RGB, output]
1 x DVI-D [Digital RGB, output]
1 x Dsub-9 female [output]

PAL (BGH/D/I, M, N, 60), NTSC (M, 4.43), SECAM
HDMI [supporting CEA-861B specs. HDCP 1.1]
480i/p, 576i/p, 720p, 1080i / 50-60 Hz, 1080p / 60 Hz
CVBS: 1 Vpp / 75 Ohm - nominal (with AGC)
Y/C: 1 Vpp / 75 Ohm - nominal (with AGC)
Y,Pb,Pr, 1Vpp / 75 ohm nominal
VGA ~ WUXGA (1920x1080), NATIVE (1920 x 1080)

Automatic frequency detection
RGB: 0.7 Vpp / 75 Ohm (RGB), TTL (HV)
1 x DVI-D [Digital RGB, input only]
Horizontal: 20 KHz - 82 KHz
Vertical: 55 Hz - 90 Hz
Audio Input: 0.15 to 1 V
Audio Output: 2 x 7W (10% THD)
Embedded splitter up to 5x5 with bezel compensation
Infrared Remote Control
RS-232 Serial Port

Commands and controls are available from any of user's interfaces
Remote Control are OSD assisted

RS-232 pass-through
VGA pass-through

All inputs converted to DVI and retransmitted (up to 25 hops)

Preset (4 selections + user)
Brightness, Contrast, Color, Sharpness
Colour temperature (5 selections + user)
Still frame
Source selection
Self adjustment of picture dimension
Free adjustment of picture position
Selection of format presets
(for compatibility with 4:3 and 16:9 pictures)
Uncompressed Mode
(PC input, with selection of the displayed area)
Presets (4 selections + user)
Volume, Balance
Equalizer (5 bands)
MTS
AVC
Size max up to 5 x 5
Bezel compensation
Stand-by mode
Status Indication
Programmable OSD aspect

Screensaver (blue screen, pixel shift, wiper, gray background)

Automatic temperature control with threshold setting

Timer (time, wake-up, sleep)

Display address selection

DPMS

Auto Input Search

DE, ES, FR, EN, IT, PT

Key board control (On/Off)

IR Control (On/Off)

Input Signal presence check

Fans status check

Internal temperature check

Ambient light control

Presence control (Optional)

Shock sensor (Optional)

1678 (W) x 1000 (H) x 140 (D)

115/230 VAC ± 15%, 50/60 Hz

750 W

Storage: -20°C to 65°C (max 85% RH not condensing)

Working: 0°C to 50°C (max 85% RH not condensing)

IP30

Power cable

Remote control with batteries

User manual

QUADRO LCD 82" FullHD

82" (208 cm diagonal)
16.9
1920 (H) x 1080 (V) pixels
0,94 (H) x 0,94 (V) [mm]
1805 (H) x 1015 (V) [mm]
600 cd/m2 (typical)
2000:1 (typical)

178° (in all directions)
16.7 Mil
8 ms

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]
1 x Dsub-15 HD [Analog RGB, input]
1 x DVI-D [Digital RGB, input]
1 X HDMI (with HDCP, input only)
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]
1 x Dsub-9 female [Input]
1 x Dsub-15 HD [Analog RGB, output]
1 x DVI-D [Digital RGB, output]
1 x Dsub-9 female [output]

PAL (BGH/D/I, M, N, 60), NTSC (M, 4.43), SECAM
HDMI [supporting CEA-861B specs. HDCP 1.1]
480i/p, 576i/p, 720p, 1080i / 50-60 Hz, 1080p / 60 Hz
CVBS: 1 Vpp / 75 Ohm - nominal (with AGC)
Y/C: 1 Vpp / 75 Ohm - nominal (with AGC)
Y,Pb,Pr, 1Vpp / 75 ohm nominal
VGA ~ WUXGA (1920x1080), NATIVE (1920 x 1080)

Automatic frequency detection
RGB: 0.7 Vpp / 75 Ohm (RGB), TTL (HV)
1 x DVI-D [Digital RGB, input only]
Horizontal: 20 KHz - 82 KHz
Vertical: 55 Hz - 90 Hz
Audio Input: 0.15 to 1 V
Audio Output: 2 x 7W (10% THD)
Embedded splitter up to 5x5 with bezel compensation
Infrared Remote Control
RS-232 Serial Port

Commands and controls are available from any of user's interfaces
Remote Control are OSD assisted

RS-232 pass-through
VGA pass-through

All inputs converted to DVI and retransmitted (up to 25 hops)

Preset (4 selections + user)
Brightness, Contrast, Color, Sharpness
Colour temperature (5 selections + user)
Still frame
Source selection
Self adjustment of picture dimension
Free adjustment of picture position
Selection of format presets
(for compatibility with 4:3 and 16:9 pictures)
Uncompressed Mode
(PC input, with selection of the displayed area)
Presets (4 selections + user)
Volume, Balance
Equalizer (5 bands)
MTS
AVC
Size max up to 5 x 5
Bezel compensation
Stand-by mode
Status Indication
Programmable OSD aspect

Screensaver (blue screen, pixel shift, wiper, gray background)

Automatic temperature control with threshold setting

Timer (time, wake-up, sleep)

Display address selection

DPMS

Auto Input Search

DE, ES, FR, EN, IT, PT

Key board control (On/Off)

IR Control (On/Off)

Input Signal presence check

Fans status check

Internal temperature check

Ambient light control

Presence control (Optional)

Shock sensor (Optional)

1927 (W) x 1137 (H) x 131 (D) (approx)

115/230 VAC ± 15%, 50/60 Hz

1100 W

Storage: -20°C to 65°C (max 85% RH not condensing)

Working: 0°C to 50°C (max 85% RH not condensing)

IP30

Power cable

Remote control with batteries

User manual

TECHNICAL DATA

PRODUCT NAME:

SQUARE LCD 32"

SQUARE LCD 40"

SQUARE LCD 40" FullHD

DISPLAY PANEL	<p>Screen size: 32" (81 cm) Aspect Ratio: 16:9 Resolution: 1366 (H) x 768 (V) pixels Pixel pitch: 0.51 (H) x 0.51 (V) [mm] Useful screen: 698 (H) x 392 (V) [mm] Brightness: 500 cd/m2 (typical) Contrast ratio: 4000:1 (typical) Viewing angle: 5,000: 1 (dynamic) Colors: 178° (in all directions) Response time: 16.7 Mil 8 mSec Front filter: Safety glass; light transmission > 90% antireflective glass 2 + 2 mm. + 0,38 mm. plastic film (optional)</p>	<p>40" (101 cm) diagonal 16:9 1366 (H) x 768 (V) pixels 0.65 (H) x 0.65 (V) [mm] 885 (H) x 497 (V) [mm] 500 cd/m2 (typical) 3000:1 (typical) 5,000: 1 (dynamic) 178° (in all directions) 16.7 Mil 8 mSec Safety glass; light transmission > 90% antireflective glass 2 + 2 mm. + 0,38 mm. plastic film (optional)</p>	<p>40" (101 cm) diagonal 16:9 1920 (H) x 1080 (V) pixels 0.46 (H) x 0.46 (V) [mm] 885 (H) x 498 (V) [mm] 500 cd/m2 (typical) 2,000:1 (typical) 5,000: 1 (dynamic) 178° (in all directions) 16.7 Mil 8 mSec Safety glass; light transmission > 90% antireflective glass 2 + 2 mm. + 0,38 mm. plastic film (optional)</p>
CONNECTIONS	<p>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] HDMI: 1 x HDMI (with 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] Control: Power stereo output, speakers [clinch] 1 x Dsub-9 female [Input] Loophrough unit: 1 x Dsub-15 HD [Analog RGB, output] 1 x DVI-D [Digital RGB, output] 1 x Dsub-9 female [output]</p>	<p>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] 1 x Dsub-15 HD [Analog RGB, input] 1 x DVI-D [Digital RGB, input] 1 x HDMI (with HDCP, input only) 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] 1 x Dsub-9 female [Input] 1 x Dsub-15 HD [Analog RGB, output] 1 x DVI-D [Digital RGB, output] 1 x Dsub-9 female [output]</p>	<p>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] 1 x Dsub-15 HD [Analog RGB, input] 1 x DVI-D [Digital RGB, input] 1 x HDMI (with HDCP, input only) 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] 1 x Dsub-9 female [Input] 1 x Dsub-15 HD [Analog RGB, output] 1 x DVI-D [Digital RGB, output] 1 x Dsub-9 female [output]</p>
FEATURES	<p>Video compatibility: PAL (BGH/D/I, M, N, 60), NTSC (M, 4, 43), SECAM HDMI [supporting CE-A-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) YPb,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] 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) Videowall: Embedded splitter up to 5x5 with bezel compensation Control interfaces: Infrared Remote Control RS-232 Serial Port Commands and controls are available from any of user's interfaces Remote Control are OSD assisted Loophrough unit: RS-232 pass-through VGA pass-through All inputs converted to DVI and retransmitted (up to 25 hops)</p>	<p>PAL (BGH/D/I, M, N, 60), NTSC (M, 4, 43), SECAM HDMI [supporting CE-A-861B specs, HDCP 1.1] 480i/p, 576i/p, 720p, 1080i / 50-60 Hz, 1080p / 60 Hz CVBS: 1 Vpp / 75 Ohm - nominal (with AGC) Y/C: 1 Vpp / 75 Ohm - nominal (with AGC) YPb,Pr, 1Vpp / 75 ohm nominal VGA ~ WUXGA (1920x1080), NATIVE (1366x768) Automatic frequency detection RGB: 0.7 Vpp / 75 Ohm (RGB), TTL (HV) 1 x DVI-D [Digital RGB, input only] Horizontal: 20 KHz - 82 KHz Vertical: 55 Hz - 90 Hz Audio Input: 0.15 to 1 V Audio Output: 2 x 7W (10% THD) Embedded splitter up to 5x5 with bezel compensation Infrared Remote Control RS-232 Serial Port Commands and controls are available from any of user's interfaces Remote Control are OSD assisted RS-232 pass-through VGA pass-through All inputs converted to DVI and retransmitted (up to 25 hops)</p>	<p>PAL (BGH/D/I, M, N, 60), NTSC (M, 4, 43), SECAM HDMI [supporting CE-A-861B specs, HDCP 1.1] 480i/p, 576i/p, 720p, 1080i / 50-60 Hz, 1080p / 60 Hz CVBS: 1 Vpp / 75 Ohm - nominal (with AGC) Y/C: 1 Vpp / 75 Ohm - nominal (with AGC) YPb,Pr, 1Vpp / 75 ohm nominal VGA ~ WUXGA (1920x1080), NATIVE (1920 x 1080) Automatic frequency detection RGB: 0.7 Vpp / 75 Ohm (RGB), TTL (HV) 1 x DVI-D [Digital RGB, input only] Horizontal: 20 KHz - 82 KHz Vertical: 55 Hz - 90 Hz Audio Input: 0.15 to 1 V Audio Output: 2 x 7W (10% THD) Embedded splitter up to 5x5 with bezel compensation Infrared Remote Control RS-232 Serial Port Commands and controls are available from any of user's interfaces Remote Control are OSD assisted RS-232 pass-through VGA pass-through All inputs converted to DVI and retransmitted (up to 25 hops)</p>
CONTROLS	<p>Video: Preset (4 selections + user) Brightness, Contrast, Color, Sharpness Colour temperature (5 selections + user) Still frame Source selection Geometry: Self adjustment of picture dimension Free adjustment of picture position Selection of format presets (for compatibility with 4:3 and 16:9 pictures) Uncompressed Mode (PC input, with selection of the displayed area) Audio: Presets (4 selections + user) Volume, Balance Equalizer (5 bands) MTS AVC Videowall: Size max up to 5 x 5 Bezel compensation Stand-by mode Status Indication Programmable OSD aspect Screensaver Automatic temperature control with threshold setting Timer (time, wake-up, sleep) Display address selection DPMS Auto Input Search DE, ES, FR, EN, IT, PT Key board control (On/Off) IR Control (On/Off) Input Signal presence check Fans status check Internal temperature check Ambient light control Presence control (Optional) Shock sensor (Optional)</p>	<p>Preset (4 selections + user) Brightness, Contrast, Color, Sharpness Colour temperature (5 selections + user) Still frame Source selection Self adjustment of picture dimension Free adjustment of picture position Selection of format presets (for compatibility with 4:3 and 16:9 pictures) Uncompressed Mode (PC input, with selection of the displayed area) Presets (4 selections + user) Volume, Balance Equalizer (5 bands) MTS AVC Size max up to 5 x 5 Bezel compensation Stand-by mode Status Indication Programmable OSD aspect Screensaver Automatic temperature control with threshold setting Timer (time, wake-up, sleep) Display address selection DPMS Auto Input Search DE, ES, FR, EN, IT, PT Key board control (On/Off) IR Control (On/Off) Input Signal presence check Fans status check Internal temperature check Ambient light control Presence control (Optional) Shock sensor (Optional)</p>	<p>Preset (4 selections + user) Brightness, Contrast, Color, Sharpness Colour temperature (5 selections + user) Still frame Source selection Self adjustment of picture dimension Free adjustment of picture position Selection of format presets (for compatibility with 4:3 and 16:9 pictures) Uncompressed Mode (PC input, with selection of the displayed area) Presets (4 selections + user) Volume, Balance Equalizer (5 bands) MTS AVC Size max up to 5 x 5 Bezel compensation Stand-by mode Status Indication Programmable OSD aspect Screensaver Automatic temperature control with threshold setting Timer (time, wake-up, sleep) Display address selection DPMS Auto Input Search DE, ES, FR, EN, IT, PT Key board control (On/Off) IR Control (On/Off) Input Signal presence check Fans status check Internal temperature check Ambient light control Presence control (Optional) Shock sensor (Optional)</p>
DIAGNOSTIC	<p>Language: DE, ES, FR, EN, IT, PT Key board control (On/Off) IR Control (On/Off) Input Signal presence check Fans status check Internal temperature check Ambient light control Presence control (Optional) Shock sensor (Optional)</p>	<p>DE, ES, FR, EN, IT, PT Key board control (On/Off) IR Control (On/Off) Input Signal presence check Fans status check Internal temperature check Ambient light control Presence control (Optional) Shock sensor (Optional)</p>	<p>DE, ES, FR, EN, IT, PT Key board control (On/Off) IR Control (On/Off) Input Signal presence check Fans status check Internal temperature check Ambient light control Presence control (Optional) Shock sensor (Optional)</p>
PHYSICAL	<p>Dimensions: 815 (W) x 505 (H) x 110 (D) Weight: 17,5 Kg (without base) Mains voltage: 115/230 VAC ± 15%, 50/60 Hz Power consumption: 200 W Operating conditions: Storage: -20°C to 65°C (max 85% RH not condensing) Working: 0°C to 50°C (max 85% RH not condensing) IP30</p>	<p>1000 (W) x 605 (H) x 120 (D) 31 Kg (without base) 115/230 VAC ± 15%, 50/60 Hz 250 W Storage: -20°C to 65°C (max 85% RH not condensing) Working: 0°C to 50°C (max 85% RH not condensing) IP30</p>	<p>1000 (W) x 605 (H) x 120 (D) 31 Kg (without base) 115/230 VAC ± 15%, 50/60 Hz 250 W Storage: -20°C to 65°C (max 85% RH not condensing) Working: 0°C to 50°C (max 85% RH not condensing) IP30</p>
ACCESSORIES	<p>Power cable Remote control with batteries User manual</p>	<p>Power cable Remote control with batteries User manual</p>	<p>Power cable Remote control with batteries User manual</p>

TECHNICAL DATA

PRODUCT NAME:

LCD 32" RPC3

LCD 40" RPC3

LCD 46" RPC3

DISPLAY PANEL	LCD 32" RPC3	LCD 40" RPC3	LCD 46" RPC3
Screen size: Aspect Ratio: Resolution: Pixel pitch: Useful screen: Brightness: Contrast ratio: Viewing angle: Colors: Response time: Front glass:	32" (81 cm) diagonal 16:9 1366 (H) x 768 (V) pixels 0,51 (H) x 0,51 (V) [mm] 697 (H) x 392 (V) [mm] 500 cd/m2 (typical) 4000:1 178° (in all directions) 16.7 Mil 8 mSec Safety glass; light transmission > 90% antireflective glass 2 + 2 mm. + 0,38 mm. plastic film (optional)	40" (101 cm) diagonal 16:9 1366 (H) x 768 (V) pixels 0,64 (H) x 0,64 (V) [mm] 885 (H) x 497 (V) [mm] 500 cd/m2 (typical) 3000:1 178° (in all directions) 16.7 Mil 8 mSec Safety glass; light transmission > 90% antireflective glass 2 + 2 mm. + 0,38 mm. plastic film (optional)	46" (117 cm) diagonal 16:9 1366 (H) x 768 (V) pixels 0,74 (H) x 0,24 (V) [mm] 1018 (H) x 572 (V) [mm] 500 cd/m2 (typical) 1.800:1 178° (in all directions) 16.7 Mil 8 mSec Safety glass; light transmission > 90% antireflective glass 2 + 2 mm. + 0,38 mm. plastic film (optional)
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] 1 x DVI-D [Digital RGB, input] HDMI: 1 x HDMI (with 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] Control: 1 x Dsub-9 female [Input] Loophthrough unit: 1 x Dsub-15 HD [Analog RGB, output](optional) 1 x DVI-D [Digital RGB, output](optional) 1 x Dsub-9 female [output](optional)	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] HDMI: 1 x HDMI (with 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] Control: 1 x Dsub-9 female [Input] Loophthrough unit: 1 x Dsub-15 HD [Analog RGB, output](optional) 1 x DVI-D [Digital RGB, output](optional) 1 x Dsub-9 female [output](optional)	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] HDMI: 1 x HDMI (with 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] Control: 1 x Dsub-9 female [Input] Loophthrough unit: 1 x Dsub-15 HD [Analog RGB, output](optional) 1 x DVI-D [Digital RGB, output](optional) 1 x Dsub-9 female [output](optional)
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) PC compatibility: VGA ~ WUXGA (1920x1080), NATIVE (1366x768) PC signal level: Automatic frequency detection 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) Video wall: Embedded splitter up to 5x5 with bezel compensation Control interfaces: Infrared Remote Control 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 All inputs converted to DVI and retransmitted (up to 25 hops)	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) PC compatibility: VGA ~ WUXGA (1920x1080), NATIVE (1366x768) PC signal level: Automatic frequency detection 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) Video wall: Embedded splitter up to 5x5 with bezel compensation Control interfaces: Infrared Remote Control 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 All inputs converted to DVI and retransmitted (up to 25 hops)	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) PC compatibility: VGA ~ WUXGA (1920x1080), NATIVE (1366x768) PC signal level: Automatic frequency detection 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) Video wall: Embedded splitter up to 5x5 with bezel compensation Control interfaces: Infrared Remote Control 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 All inputs converted to DVI and retransmitted (up to 25 hops)
CONTROLS	Video: Preset (4 selections + user) Brightness, Contrast, Color, Sharpness Colour temperature (5 selections + user) Still frame Source selection Geometry: Self adjustment of picture dimension Free adjustment of picture position Selection of format presets (for compatibility with 4:3 and 16:9 pictures) Uncompressed Mode (PC input, with selection of the displayed area) Audio: Presets (4 selections + user) Volume, Balance Equalizer (5 bands) MTS AVC Video wall: Size max up to 5 x 5 Bezel compensation Others: Stand-by mode Status Indication Programmable OSD aspect Screensaver (blue screen, pixel shift , wiper, gray background) Automatic temperature control with threshold setting Timer (time, wake-up, sleep) Display address selection DPMS Language: Auto Input Search DE, ES, FR, EN, IT, PT	Video: Preset (4 selections + user) Brightness, Contrast, Color, Sharpness Colour temperature (5 selections + user) Still frame Source selection Geometry: Self adjustment of picture dimension Free adjustment of picture position Selection of format presets (for compatibility with 4:3 and 16:9 pictures) Uncompressed Mode (PC input, with selection of the displayed area) Audio: Presets (4 selections + user) Volume, Balance Equalizer (5 bands) MTS AVC Video wall: Size max up to 5 x 5 Bezel compensation Others: Stand-by mode Status Indication Programmable OSD aspect Screensaver (blue screen, pixel shift , wiper, gray background) Automatic temperature control with threshold setting Timer (time, wake-up, sleep) Display address selection DPMS Language: Auto Input Search DE, ES, FR, EN, IT, PT	Video: Preset (4 selections + user) Brightness, Contrast, Color, Sharpness Colour temperature (5 selections + user) Still frame Source selection Geometry: Self adjustment of picture dimension Free adjustment of picture position Selection of format presets (for compatibility with 4:3 and 16:9 pictures) Uncompressed Mode (PC input, with selection of the displayed area) Audio: Presets (4 selections + user) Volume, Balance Equalizer (5 bands) MTS AVC Video wall: Size max up to 5 x 5 Bezel compensation Others: Stand-by mode Status Indication Programmable OSD aspect Screensaver (blue screen, pixel shift , wiper, gray background) Automatic temperature control with threshold setting Timer (time, wake-up, sleep) Display address selection DPMS Language: Auto Input Search DE, ES, FR, EN, IT, PT
PHYSICAL	Dimensions: 815 (W) x 505 (H) x 125 (D) Weight: 31 Kg (without base and pc rack) Mains voltage: 115/230 VAC ± 15%, 50/60 Hz Power consumption: 200 W (without PC) Operating conditions: Storage: -20°C to 65°C (max 85% RH not condensing) Working: 0°C to 50°C (max 85% RH not condensing)	Dimensions: 1000 (W) x 605 (H) x 125 (D) Weight: 33 Kg (without base and pc rack) Mains voltage: 115/230 VAC ± 15%, 50/60 Hz Power consumption: 230W (without PC) Operating conditions: Storage: -20°C to 65°C (max 85% RH not condensing) Working: 0°C to 50°C (max 85% RH not condensing)	Dimensions: 1136 (W) x 680 (H) x 125 (D) Weight: Kg 50 (without base and pc rack) Mains voltage: 115/230 VAC ± 15%, 50/60 Hz Power consumption: 300W (without PC) Operating conditions: Storage: -20°C to 65°C (max 85% RH not condensing) Working: 0°C to 50°C (max 85% RH not condensing)
ACCESSORIES	Power cable Remote control with batteries User manual	Power cable Remote control with batteries User manual	Power cable Remote control with batteries User manual

OPTIONS

Upon request, for particular video information applications, large, high resolution, liquid crystal screens are available.

		Integrated PC rack
NOTES		Integrated PC rack optionally available Module network optionally available Any mechanical frame available upon request
INTEGRATED PC RACK	<p>Motherboard: Support microATX - v1.1 spec. Mini ITX (contact factory for connector layout and height constraints)</p> <p>RAM: 512Mb</p> <p>HD: 1 x 3.5" internal 80Gb</p> <p>Controls: Power switch</p> <p>Power supply: ATX 200W CE PFC P4 (optional)</p> <p>Mains voltage: 115/230 VAC ± 15%, 50/60 Hz</p>	
		Network Module
CONNECTIONS		<p>RJ45 (LAN 10/100)</p> <p>Wireless LAN (optional)</p> <p>2 x USB (contents storage)</p> <p>1 x IDE (internal HDD 2.5" 80GB)</p> <p>1 x IDE (internal Flash Disk up to 16 GB optional)</p>
FEATURES	<p>System setup: Server software Contents server (FTP server) Player (Client) HDMI (1080p)</p> <p>Video: 2 channel digital encoded (via HDMI)</p> <p>Audio: MPEG 1/2/4, DIVX, XVID, WMV9, H.264, VC-1</p> <p>Video decoder: MP3, WMA, WAV</p> <p>Audio decoder: JPEG, BMP, GIF, PNG</p> <p>Image decoder: Time synchronisation with server Local HDD or FlashDisk storage Instant message Upgradable firmware (both locally and via network) File browsing on local storage</p>	
CONTROLS	<p>Video: HDMI resolution</p> <p>Audio: Brightness, contrast Volume</p> <p>Firmware upgrade Playlist logging</p>	



CEILING VERTICAL



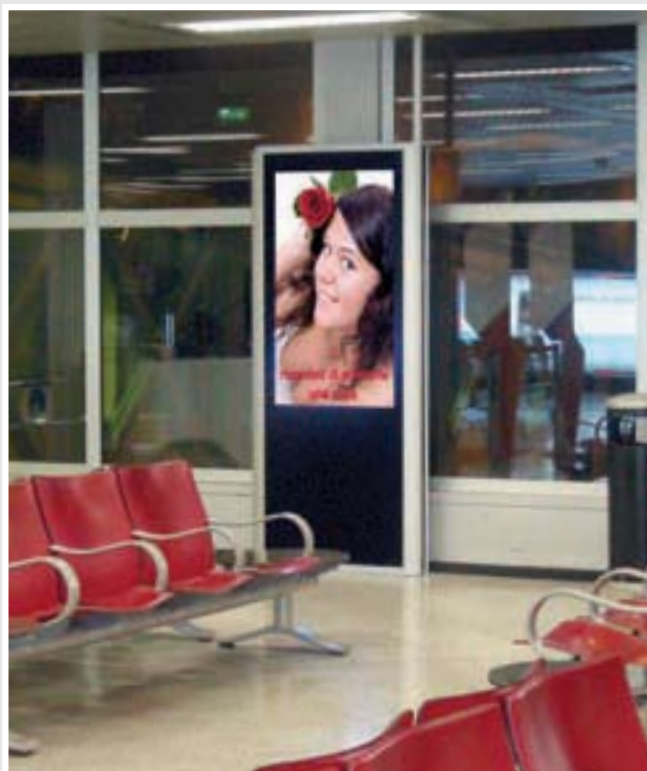
CEILING HORIZONTAL



WALL

A PC is inserted in the monitor's cabinet and can be easily extracted by sliding it out of the cabinet. As for most professional monitors dedicated to video information in public, also this innovative product has a special antireflection filter on the screen that eliminates reflections in brightly light. Hantarex's ability to develop personalized professional solutions is highlighted in this range of products. In fact, it is possible to personalize the configuration of the software and hardware of the PC integrated in the monitor as well as the structural characteristics and style of the monitor itself.

www.hantarex.com



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