



# DIGITAL SIGNAGE SOLUTIONS

## WHAT IS DIGITAL SIGNAGE?

IT IS A NOW WAY TO COMMUNICATE TO THE PUBLIC.

PADUA, ITALY - CENTER



## WHAT IS DIGITAL SIGNAGE FOR?

It is to inform, entertain and promote and display content in digital format that has been designed for various contexts.

## WHAT IS THE MULTIMEDIA CONTENT THAT CAN BE DISPLAYED?

- Images
- Video clips
- Cartoons
- Textual ticker/scroll
- RSS feeds
- Live events
- Flash cartoons
- Attached Power Point, PDF, documents
- Audio play lists
- Internet sites

## How?

By replacing hand bills and still signs with digital signs that are virtual and dynamic.

The products of the **Digital Signage** range open a new area of visual communication, optimizing the efficiency and quality of work in any application in any sector.

SOVICO (MI), ITALY - REGGIANI ILLUMINAZIONE S.P.A.



NAPLES, ITALY - SUBWAY



MILAN LINATE, ITALY - E. FORLANINI INTERNATIONAL AIRPORT

## DIGITAL SIGNAGE APPLICATIONS AND OBJECTIVES



### APPLICATIONS

**OUTDOOR/INDOOR ADVERTISING** and publicity at points of sales, shops, malls and outlets, in transportation hubs such as airports, railroad stations and subway stations and wherever the public meets and information must be shown such as fairs, stadiums, hotels, etc.

**OUTDOOR/INDOOR SIGNAGE** Signs with messages about places, things and people in reception lounges, convention centers and public venues.

**OUTDOOR/INDOOR VIDEO INFOTAINMENT** Entertaining information, in public areas used as a tool for intelligent urban furnishing and a vehicle for information aimed at the proper context in cities and covered areas.

**INTERACTIVE WINDOWS & DIGITAL IN-STORE TV** As a new sales tool for emotional marketing that allows sensations and emotions to be expressed in order to endorse products and/or the positive perception of a place.

**CORPORATE & BUSINESS TV** As an evolutionary tool for communication companies, indoor and outdoors, to improve professional training by using web channels and broadcasts.

**MOVING MEDIA** Communication digital video on board mass transit vehicles.

### OBJECTIVES

**TO PROMOTE** products where they are sold to endorse sales.

**RECEIVE** User Generated Content-UGC, content supplied by the user; text, images, video, sent with SMS, MMS or Web to respond to surveys, etc.

**CONVEY** various types of information services at the same time.

**CAPTURE** passer bys' attention with to objective to inform and promote.

**CONTROL** distribution by immediately measuring the effects of the message in terms of replies from the users, increased sales, the success of a sales campaign and customer loyalty.

**IMPROVE** the quality and efficiency of the message.



DIGITAL SIGNAGE

*No limits*



MILAN LINATE, ITALY  
E. FORLANINI INTERNATIONAL AIRPORT, AREA AFTER SECURITY CHECK

A new way to communicate. See, hear, touch...

An experience of interacting with a new tool that puts the user in contact with the outside world. Activate a digital interface with a simple passage to dialogue with the network by simply touching with your fingers. Use sounds, images and sensations to attract the attention of passer-bys with a single product, a **Totem**.

A **Totem** that informs, gathers comments, creates participation and allows information to be gathered, votes to be made and opinions to be expressed.

A **Totem** that prints street maps and allows ring-tones, video clips, trailers, music and anything that entertains to be downloaded.

A **Totem** that senses the presence of and recognizes passer-bys with an integrated Blue-Tooth antenna and proximity sensor.

## PRODUCTION RANGE



46"



57"



70"



82"

## APPLICATIONS

### ADVERTISING & RETAIL MARKETING

Information and entertainment in public places, of high traffic and waiting areas, maps and information at fairs and special events, service information at stations and airports.

### PROXIMITY MARKETING

Information directed at viewers passing near the device through integrated Blue-Tooth antenna, Wi-Fi and proximity sensors.

### DIGITAL IN-STORE

Promotes products: Electronic and interactive show cases, menus and specials for restaurants, programs and promotions for theaters and multiplex movie theaters including trailers, seat availability and reservations.

### DIGITAL SIGNS

Electronic signs to manage publicity at stadiums, malls and during exhibitions and shows.

### OUTDOOR/INDOOR INFOTAINMENT

Tourist information: reception for tourist offices, hotels, restaurants, mass transit, etc., interactive maps and itineraries for tourists, historic and cultural information and event calendars.

### CORPORATE TV & WEB TV

TV and/or Web TV companies to broadcast press releases and present new products, connect various offices and/or branches for company-wide events, virtual communities with bulletin boards, multimedia blogs or company intranet.

### MOVING MEDIA

Infotainment channels on board trains, busses, airplanes and ships to broadcast information and pertinent programming; travel portals and interactive kiosks with integrated automatic ticketing machines.



ABANO TERME (Pd), ITALY - DOWNTOWN



ABANO TERME (Pd), ITALY - DOWNTOWN

## & EASY DISPLAY NETWORK

The **HANTAREX TOTEMS** have the new '**Network Neptune**', which is a card/player that allows you to set up a "network" of monitors, called **Clients**, without connecting each screen to its own embedded PC to manage and show programmed content.

(see page 62)

### OUTDOOR INFOTAINMENT

Tourist information, interactive maps and itineraries, historic and cultural information and event calendars.

OUTDOOR & INDOOR



## MULTIPLYING SPACE

With HANTAREX's Totem the publicity space can be sold to more than one client at the same time by breaking up the time a message is displayed during the day.



	A	B	C	E	F	G	H
46"	860	2150	170	500	1015	570	1000
57"	1000	2250	170	500	1248	701	1140
70"	1140	2350	170	500	1434	806	1280
82"	1320	2650	170	500	1802	1012	1320

*No limits*

## RETAIL ADVANTAGES

The conventional means to communicate publicity such as posters and bill boards offer companies the possibility to sell space ambiguously or at least defined. The space purchased by a client is sold by size, position and duration of the campaign.

The publicity company can sell the space to a single client for a determined period.

With **HANTAREX's Totem**, the same space can be sold to many clients at the same time by breaking up the length of time the ad is displayed. The space can be sold many times, the content changes according to a schedule that can be set as you please. The return on investment is much higher for the client that pays according to the number of people that pass, not the location and the size, and for the publicity company that can sell the same space many times without maintenance costs because the content can be uploaded to the **Totem** via remote control or wireless.



MILAN LINATE, ITALY  
E. FORLANINI INTERNATIONAL AIRPORT, AREA AFTER SECURITY CHECK

## WITH A SIMPLE PC, A TOTEM CAN MANAGE

- MULTIMEDIA FILES
- TEXT, MODELS/DOCUMENTS OF ANY TYPE
  - IMAGES
  - CARTOONS
- AUDIO PLAY LISTS
  - WEB PAGES
  - RSS FEEDS

## MAIN INSTALLATIONS

- AIRPORTS, BUS STATIONS, TRAIN STATIONS
  - PORTS
  - SUBWAYS
- PARKING LOTS AND STRUCTURES
  - RETAIL OUTLETS
- MALLS, SPORT CENTERS AND ARENAS
  - CONVENTION & TRADE CENTERS
    - STADIUMS AND THEATERS
- PLAYGROUNDS AND AMUSEMENT PARKS
  - MILITARY BASES



MILAN LINATE, ITALY  
E. FORLANINI INTERNATIONAL AIRPORT, AREA AFTER SECURITY CHECK

## TECHNOLOGIC ADVANTAGES

With simple content management software, it is possible to schedule content as you wish, daily, weekly and at certain times, and manage the programming of each individual group of Totems.

It is also possible to personalize the content according to the different areas or for a single Totem. It is also possible to synchronize each display connected to the main headquarters in order to take full advantage of the Internet, allow automated operations to transmit content and programming and to monitor the execution and collection of information. With the simple content management software, you can set the specific times when content is transmitted.

## IP54\_IP65 CONFIRMITY

In order to ensure the highest possible reliability and to keep industrial quality standards, the outdoor displays are meeting all requirements of IP54 and IP65 confirmity, optionally requested.



## & INCREASED APPEAL

The Totem range is able to attract attention everywhere, thanks to its captivating design and flexibility compared to traditional communication tools and signage.

MILAN LINATE, ITALY - E. FORLANINI INTERNATIONAL AIRPORT, AREA AFTER SECURITY CHECK  
DOUBLE FACE DISPLAY TOTEM

## CUSTOM APPLICATIONS

## 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

**HANTAREX's Totems** can be customized with various integrated functions and options.

Within the Totem, it is possible to insert a PC that allows remote management of the content that can be new generation, digital, or old generation, digitalized. **Totems** are compatible with all the best know codified multimedia formats such as Graphic BMP, GIF, JPEG, PCX, PNG, TIFF, WMF/Cartoon Flash, GIF, HTML/ Sound Wav, MP3, Wma /Video MPEG 1, MPEG2, MPEG 4, AVI, DIVX, WMV, WMVHD, FLV/ Text Feed XML, atom, RSS2.0, HMTL /Streaming multicast audio and video from terrestrial and satellite networks /Podcast / multimedia Feed from blogs. The user can interact with the environment where the screen is installed. Programming can vary in real time according to the users' behavior.

**Totems** can also use a simple card/player (see 'Neptune/Network' card functions on page 62.), that allows the complete remote management of content and programming without an integrated PC. **Totems** can be customized also structurally and esthetically, we can design a particular solution depending on the customer's needs.

The double faced and/or air conditioned, with an integrated air conditioner, versions are already available as 'plus standard' options on the 57" model, see the photo to the side of a double faced Totem installed at Milan Linate Airport.

PADUA, ITALY - DOWNTOWN



OUTDOOR &amp; INDOOR

# MULTIMEDIA TOTEM TECHNICAL DATA

## PRODUCT NAME:

### TOTEM 46" HD

### TOTEM 46" High Brightness \*

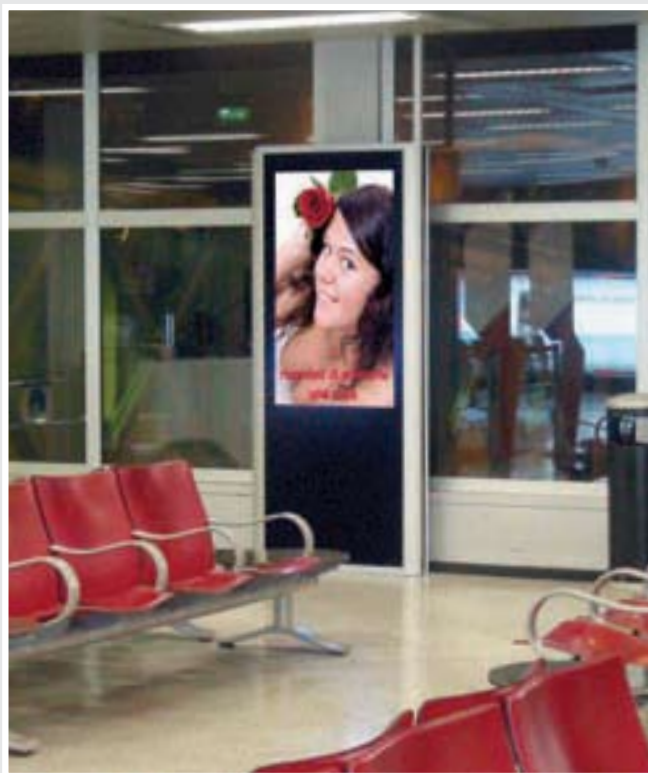
DISPLAY PANEL	<b>Screen size:</b> 46" (117 cm) diagonal <b>Aspect Ratio:</b> 16:9 <b>Resolution:</b> 1366 (H) x 768 (V) pixels <b>Pixel pitch:</b> 0.74 (H) x 0.24 (V) [mm] <b>Useful screen:</b> 1018 (H) x 572 (V) [mm] <b>Brightness:</b> 500 cd/m <sup>2</sup> (typical) <b>Contrast ratio:</b> 1800:1 (typical) <b>Viewing angle:</b> 178° (in all directions) <b>Colors:</b> 16.7 Mil <b>Response time:</b> 8 mSec <b>Front filter:</b> Safety antireflective glass	<b>Screen size:</b> 46" (117 cm) diagonal <b>Aspect Ratio:</b> 16:9 <b>Resolution:</b> 1366 (H) x 768 (V) pixels <b>Pixel pitch:</b> 0.74 (H) x 0.24 (V) [mm] <b>Useful screen:</b> 1018 (H) x 572 (V) [mm] <b>Brightness:</b> 1500 cd/m <sup>2</sup> (typical) <b>Contrast ratio:</b> 3000:1 (typical) <b>Viewing angle:</b> 178° (in all directions) <b>Colors:</b> 16.7 Mil <b>Response time:</b> 8 ms <b>Front filter:</b> Safety antireflective glass	<b>*</b> <b>NEW AIR-CONDITIONED TOTEM FOR OUTDOOR INSTALLATION</b>
CONNECTIONS	<b>Video:</b> 1 x RCA [CVBS1, input only](With addition cable) 1 x RCA [CVBS2, input only](With addition cable) 1 x mini DIN 4 pin [Y/C, input only](With addition cable) 3 x RCA [YPbPr, input only](With addition cable) <b>PC:</b> 1 x Dsub-15 HD [Analog RGB, input] 1 x DVI-D [Digital RGB, input] <b>HDMI:</b> 1 X HDMI (with HDCP, input only)(With addition cable) <b>Audio:</b> 2 x RCA [CVBS1 stereo input](With addition cable) 2 x RCA [CVBS2 / S.Video stereo input] (With addition cable) 2 x RCA [Component stereo input](With addition cable) <b>Control:</b> 1 x jack 3.5 mm [PC stereo input] <b>External Control:</b> 1 x Dsub-9 female [Input] 2 x USB Port RJ45 Port Ethernet Cable LAN CAT5	<b>Video:</b> 1 x RCA [CVBS1, input only](With addition cable) 1 x RCA [CVBS2, input only](With addition cable) 1 x mini DIN 4 pin [Y/C, input only](With addition cable) 3 x RCA [YPbPr, input only](With addition cable) 1 x Dsub-15 HD [Analog RGB, input] 1 x DVI-D [Digital RGB, input] <b>HDMI:</b> 1 X HDMI (with HDCP, input only)(With addition cable) <b>Audio:</b> 2 x RCA [CVBS1 stereo input](With addition cable) 2 x RCA [CVBS2 / S.Video stereo input] (With addition cable) 2 x RCA [Component stereo input](With addition cable) <b>Control:</b> 1 x jack 3.5 mm [PC stereo input] 1 x Dsub-9 female [Input] 2 x USB Port RJ45 Port Ethernet Cable LAN CAT5	Hantarex expands its totem product range by adding a climatic control systems inside of a 46" LCD Multimedia Totem - High Brightness. The Totem product range also includes now the capability to withstand even severe climatic conditions. A new mechanical structure has been designed in order to integrate a powerful and professional air-conditioning system. The Air-Conditioned Totem works in environmental conditions from -20°C up to +50°C, offers a protection index IP65 and can operate even under direct sunlight exposure; the overall thickness, including the AC, do not exceed 29 cm. The mechanical structure allows the user/installer, as the duel side model, to complete maintenance services in a very easy way. The double sided totem can be opened like a 'book', by means of a special engineered solutions; after having detached the security lock, the user can easily pull the free tilting side toward himself, displaying the 'insides' to generic operations in a couple of seconds. The solution allows an easy internal maintenance of the air-conditioner, but also display and integrated player (system integrator choice: PC based, set-top-box, CAT5+ receiver or any other solution), can be checked and verified by means of a very simple access to the structure.
FEATURES	<b>Video compatibility:</b> PAL (BGH/D/I, M, N, 60), NTSC (M, 4.43), SECAM HDMI [supporting CEA-861B specs. HDCP 1.1] <b>DTV:</b> 480i/p, 576i/p, 720p, 1080i / 50-60 Hz, 1080p / 60 Hz <b>Video signal level:</b> CVBS: 1 Vpp / 75 Ohm - nominal (with AGC) Y/C: 1 Vpp / 75 Ohm - nominal (with AGC) Y.Pb.Pr: 1Vpp / 75 ohm nominal <b>PC compatibility:</b> VGA - WUXGA (1920x1080), NATIVE (1366x768) 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] <b>Frequency range:</b> Horizontal: 20 KHz - 82 KHz Vertical: 55 Hz - 90 Hz <b>Audio signal level:</b> Audio Input: 0.15 to 1 V Audio Output: 2 x 7W (10% THD) <b>Speakers:</b> Integrated through glass speaker 10W (optional) <b>Control interfaces:</b> Infrared Remote Control RS-232 Serial Port 2 x USB Port RJ45 Port Ethernet Commands and controls are available from any of the three user's interfaces	<b>Video compatibility:</b> PAL (BGH/D/I, M, N, 60), NTSC (M, 4.43), SECAM HDMI [supporting CEA-861B specs. HDCP 1.1] <b>DTV:</b> 480i/p, 576i/p, 720p, 1080i / 50-60 Hz, 1080p / 60 Hz <b>Video signal level:</b> CVBS: 1 Vpp / 75 Ohm - nominal (with AGC) Y/C: 1 Vpp / 75 Ohm - nominal (with AGC) Y.Pb.Pr: 1Vpp / 75 ohm nominal <b>PC compatibility:</b> VGA - WUXGA (1920x1080), NATIVE (1366x768) 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] <b>Frequency range:</b> Horizontal: 20 KHz - 82 KHz Vertical: 55 Hz - 90 Hz <b>Audio signal level:</b> Audio Input: 0.15 to 1 V Audio Output: 2 x 7W (10% THD) <b>Speakers:</b> Integrated through glass speaker 10W (optional) <b>Control interfaces:</b> Infrared Remote Control RS-232 Serial Port 2 x USB Port RJ45 Port Ethernet Commands and controls are available from any of the three user's interfaces	<b>**</b> <b>NEW DOUBLE-SIDED LCD 57" MULTIMEDIA TOTEM</b>
CONTROLS	<b>Video:</b> Preset (4 selections + user) Brightness, Contrast, Color, Sharpness Colour temperature (5 selections + user) Still frame Source selection <b>Geometry:</b> 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) <b>Audio:</b> Presets (4 selections + user) Volume, Balance <b>Others:</b> Equalizer (5 bands), MTS, AVC Stand-by mode Programmable OSD aspect Screensaver Timer (time, wake-up, sleep) Display address selection DPMS <b>Diagnostic:</b> Auto Input Search Fan automatic manage/cooling Ambient light control Remote control of all functions Automatic switch off in case of over-temperature Monitor Status analysis Automatic temperature control with threshold setting Shock sensor (optional) <b>Language:</b> DE, ES, FR, EN, IT, PT	<b>Video:</b> Preset (4 selections + user) Brightness, Contrast, Color, Sharpness Colour temperature (5 selections + user) Still frame Source selection <b>Geometry:</b> 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) <b>Audio:</b> Presets (4 selections + user) Volume, Balance <b>Others:</b> Equalizer (5 bands), MTS, AVC Stand-by mode Programmable OSD aspect Screensaver Timer (time, wake-up, sleep) Display address selection DPMS <b>Diagnostic:</b> Auto Input Search Fan automatic manage/cooling Ambient light control Remote control of all functions Automatic switch off in case of over-temperature Monitor Status analysis Automatic temperature control with threshold setting Shock sensor (optional) <b>Language:</b> DE, ES, FR, EN, IT, PT	Starting from the consolidated experience of the successful standard Totem product range, Hantarex has designed a brand new solution that integrates two 57" LCD displays. Specifically designed for large venues, shopping malls, airports and in general for locations with a bi-directional viewers flow, the double-sided Totem can be positioned always in the best position to improve the overall message readability and is perfect to deliver advertising and institutional communication. The robust mechanical structure in aluminium and the safety antireflective protection glass make this product a reliable and safe solution to be installed in public areas either indoor or outdoor; the overall thickness, including the powerful air-circulation system, does not exceed 29 cm. The mechanical structure allows the user/installer to complete maintenance services in a very easy way. The double sided totem can be opened like a 'book', by means of a special engineered solutions; after having detached the security lock, the user can easily pull the free tilting side toward himself, displaying the 'insides' to generic operations in a couple of seconds. As usual the model will be soon available in several LCD sizes; in addition there is a complete list of optionals: through-glass touch screen, through-glass speakers, hidden spy cameras, presence sensor, shock sensor, ambient light sensor, self-diagnostic, Bluetooth, Wi-Fi, HSDPA.
PHYSICAL	<b>Dimensions:</b> refer to the size table <b>Weight:</b> 80 Kg (without base) <b>Mains voltage:</b> 115/230 VAC ± 15%, 50/60 Hz <b>Power consumption:</b> 300W <b>Operating conditions:</b> Storage: -20°C to 65°C (max 85% RH not condensing) Working: 0°C to 50°C (max 85% RH not condensing) <b>Class protection:</b> IP54	<b>Dimensions:</b> refer to the size table <b>Weight:</b> 80 Kg (without base) <b>Mains voltage:</b> 115/230 VAC ± 15%, 50/60 Hz <b>Power consumption:</b> 400W <b>Operating conditions:</b> Storage: -20°C to 65°C (max 85% RH not condensing) Working: 0°C to 50°C (max 85% RH not condensing) <b>Class protection:</b> IP54	
OPTIONALS	Touch screen through glass (contactless) Integrated Webcam Integrated WiFi Integrated GPRS/UMTS Integrated Audio Proximity sensor Digital Signage Set-top-box Self-diagnostic	Touch screen through glass (contactless) Integrated Webcam Integrated WiFi Integrated GPRS/UMTS Integrated Audio Proximity sensor Digital Signage Set-top-box Self-diagnostic	

\* Also available in AIR CONDITIONED version

PRODUCT NAME:		TOTEM 57" FullHD **	TOTEM 70" FullHD	TOTEM 82" FullHD
DISPLAY PANEL	<p><b>Screen size:</b> 57" (145 cm) diagonal</p> <p><b>Aspect Ratio:</b> 16:9</p> <p><b>Resolution:</b> 1920 (H) x 1080 (V) pixels</p> <p><b>Pixel pitch:</b> 0,21 (H) x 0,65 (V) [mm]</p> <p><b>Useful screen:</b> 1251 (H) x 704 (V) [mm]</p> <p><b>Brightness:</b> 600 cd/m<sup>2</sup> (typical)</p> <p><b>Contrast ratio:</b> 2000:1 (typical)</p> <p><b>Viewing angle:</b> 178° (in all directions)</p> <p><b>Colors:</b> 16.7 Mil</p> <p><b>Response time:</b> 8 ms</p> <p><b>Front filter:</b> Safety antireflective glass</p>	<p>70" (178 cm) diagonal</p> <p>16:9</p> <p>1920 (H) x 1080 (V) pixels</p> <p>0,80 (H) x 0,90 (V) [mm]</p> <p>1349 (H) x 871 (V) [mm]</p> <p>600 cd/m<sup>2</sup> (typical)</p> <p>1500:1 (typical)</p> <p>178° (in all directions)</p> <p>16.7 Mil</p> <p>8 ms</p> <p>Safety antireflective glass</p>	<p>82"(208 cm diagonal)</p> <p>16:9</p> <p>1920 (H) x 1080 (V) pixels</p> <p>0,94 (H) x 0,94 (V) [mm]</p> <p>1805 (H) x 1015 (V) [mm]</p> <p>600 cd/m<sup>2</sup> (typical)</p> <p>2000:1 (typical)</p> <p>178° (in all directions)</p> <p>16.7 Mil</p> <p>8 ms</p> <p>Safety antireflective glass</p>	
CONNECTIONS	<p><b>Video:</b> 1 x RCA [CVBS1, input only](With addition cable) 1 x RCA [CVBS2, input only](With addition cable) 1 x mini DIN 4 pin [Y/C, input only](With addition cable) 3 x RCA [YPbPr, input only](With addition cable)</p> <p><b>PC:</b> 1 x Dsub-15 HD [Analog RGB, input] 1 x DVI-D [Digital RGB, input]</p> <p><b>HDMI:</b> 1 X HDMI (with HDCP, input only)(With addition cable)</p> <p><b>Audio:</b> 2 x RCA [CVBS1 stereo input](With addition cable) 2 x RCA [CVBS2 / S.Video stereo input] (With addition cable) 2 x RCA [Component stereo input](With addition cable)</p> <p><b>Control:</b> 1 x jack 3.5 mm [PC stereo input]</p> <p><b>External Control:</b> 1 x Dsub-9 female [Input] 2 x USB Port RJ45 Port Ethernet Cable LAN CAT5</p>	<p>1 x RCA [CVBS1, input only](With addition cable) 1 x RCA [CVBS2, input only](With addition cable) 1 x mini DIN 4 pin [Y/C, input only](With addition cable) 3 x RCA [YPbPr, input only](With addition cable) 1 x Dsub-15 HD [Analog RGB, input] 1 x DVI-D [Digital RGB, input]</p> <p>1 X HDMI (with HDCP, input only)(With addition cable) 2 x RCA [CVBS1 stereo input](With addition cable) 2 x RCA [CVBS2 / S.Video stereo input] (With addition cable) 2 x RCA [Component stereo input](With addition cable)</p> <p>1 x jack 3.5 mm [PC stereo input] 1 x Dsub-9 female [Input] 2 x USB Port RJ45 Port Ethernet Cable LAN CAT5</p>	<p>1 x RCA [CVBS1, input only](With addition cable) 1 x RCA [CVBS2, input only](With addition cable) 1 x mini DIN 4 pin [Y/C, input only](With addition cable) 3 x RCA [YPbPr, input only](With addition cable) 1 x Dsub-15 HD [Analog RGB, input] 1 x DVI-D [Digital RGB, input]</p> <p>1 X HDMI (with HDCP, input only)(With addition cable) 2 x RCA [CVBS1 stereo input](With addition cable) 2 x RCA [CVBS2 / S.Video stereo input] (With addition cable) 2 x RCA [Component stereo input](With addition cable)</p> <p>1 x jack 3.5 mm [PC stereo input] 1 x Dsub-9 female [Input] 2 x USB Port RJ45 Port Ethernet Cable LAN CAT5</p>	
FEATURES	<p><b>Video compatibility:</b> PAL (BGH/D/I, M, N, 60), NTSC (M, 4.43), SECAM HDMI [supporting CEA-861B specs. HDCP 1.1]</p> <p><b>DTV:</b> 480i/p, 576i/p, 720p, 1080i / 50-60 Hz, 1080p / 60 Hz</p> <p><b>Video signal level:</b> CVBS: 1 Vpp / 75 Ohm - nominal (with AGC) Y/C: 1 Vpp / 75 Ohm - nominal (with AGC) YPbPr: 1Vpp / 75 ohm nominal</p> <p><b>PC compatibility:</b> VGA – WUXGA (1920x1080), NATIVE (1920x1080) Automatic frequency detection</p> <p><b>PC signal level:</b> RGB: 0.7 Vpp / 75 Ohm (RGB), TTL (HV) 1 x DVI-D [Digital RGB, input only]</p> <p><b>Frequency range:</b> Horizontal: 20 KHz - 82 KHz Vertical: 55 Hz - 90 Hz</p> <p><b>Audio signal level:</b> Audio Input: 0.15 to 1 V Audio Output: 2 x 7W (10% THD)</p> <p><b>Speakers:</b> Integrated through glass speaker 10W (optional)</p> <p><b>Control interfaces:</b> Infrared Remote Control RS-232 Serial Port 2 x USB Port RJ45 Port Ethernet Commands and controls are available from any of the three user's interfaces</p>	<p>PAL (BGH/D/I, M, N, 60), NTSC (M, 4.43), SECAM HDMI [supporting CEA-861B specs. HDCP 1.1]</p> <p>480i/p, 576i/p, 720p, 1080i / 50-60 Hz, 1080p / 60 Hz</p> <p>CVBS: 1 Vpp / 75 Ohm - nominal (with AGC) Y/C: 1 Vpp / 75 Ohm - nominal (with AGC) YPbPr: 1Vpp / 75 ohm nominal</p> <p>VGA – WUXGA (1920x1080), NATIVE (1920x1080) Automatic frequency detection</p> <p>RGB: 0.7 Vpp / 75 Ohm (RGB), TTL (HV) 1 x DVI-D [Digital RGB, input only]</p> <p>Horizontal: 20 KHz - 82 KHz Vertical: 55 Hz - 90 Hz Audio Input: 0.15 to 1 V Audio Output: 2 x 7W (10% THD)</p> <p>Integrated through glass speaker 10W (optional)</p> <p>Infrared Remote Control RS-232 Serial Port 2 x USB Port RJ45 Port Ethernet Commands and controls are available from any of the three user's interfaces</p>	<p>PAL (BGH/D/I, M, N, 60), NTSC (M, 4.43), SECAM HDMI [supporting CEA-861B specs. HDCP 1.1]</p> <p>480i/p, 576i/p, 720p, 1080i / 50-60 Hz, 1080p / 60 Hz</p> <p>CVBS: 1 Vpp / 75 Ohm - nominal (with AGC) Y/C: 1 Vpp / 75 Ohm - nominal (with AGC) YPbPr: 1Vpp / 75 ohm nominal</p> <p>VGA – WUXGA (1920x1080), NATIVE (1920x1080) Automatic frequency detection</p> <p>RGB: 0.7 Vpp / 75 Ohm (RGB), TTL (HV) 1 x DVI-D [Digital RGB, input only]</p> <p>Horizontal: 20 KHz - 82 KHz Vertical: 55 Hz - 90 Hz Audio Input: 0.15 to 1 V Audio Output: 2 x 7W (10% THD)</p> <p>Integrated through glass speaker 10W (optional)</p> <p>Infrared Remote Control RS-232 Serial Port 2 x USB Port RJ45 Port Ethernet Commands and controls are available from any of the three user's interfaces</p>	
CONTROLS	<p><b>Video:</b> Preset (4 selections + user) Brightness, Contrast, Color, Sharpness Colour temperature (5 selections + user) Still frame Source selection</p> <p><b>Geometry:</b> 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><b>Audio:</b> Presets (4 selections + user) Volume, Balance Equalizer (5 bands), MTS, AVC Stand-by mode</p> <p><b>Others:</b> Programmable OSD aspect Screensaver Timer (time, wake-up, sleep) Display address selection DPMS</p> <p><b>Diagnostic:</b> Auto Input Search Fan automatic manage/cooling Ambient light control Remote control of all functions Automatic switch off in case of over-temperature Monitor Status analysis Automatic temperature control with threshold setting Shock sensor (optional)</p> <p><b>Language:</b> DE, ES, FR, EN, IT, PT</p>	<p>Preset (4 selections + user) Brightness, Contrast, Color, Sharpness Colour temperature (5 selections + user) Still frame Source selection</p> <p>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>Presets (4 selections + user) Volume, Balance Equalizer (5 bands), MTS, AVC Stand-by mode</p> <p>Programmable OSD aspect Screensaver Timer (time, wake-up, sleep) Display address selection DPMS</p> <p>Auto Input Search Fan automatic manage/cooling Ambient light control Remote control of all functions Automatic switch off in case of over-temperature Monitor Status analysis Automatic temperature control with threshold setting Shock sensor (optional)</p> <p>DE, ES, FR, EN, IT, PT</p>	<p>Preset (4 selections + user) Brightness, Contrast, Color, Sharpness Colour temperature (5 selections + user) Still frame Source selection</p> <p>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>Presets (4 selections + user) Volume, Balance Equalizer (5 bands), MTS, AVC Stand-by mode</p> <p>Programmable OSD aspect Screensaver Timer (time, wake-up, sleep) Display address selection DPMS</p> <p>Auto Input Search Fan automatic manage/cooling Ambient light control Remote control of all functions Automatic switch off in case of over-temperature Monitor Status analysis Automatic temperature control with threshold setting Shock sensor (optional)</p> <p>DE, ES, FR, EN, IT, PT</p>	
PHYSICAL	<p><b>Dimensions:</b> refer to the size table</p> <p><b>Weight:</b> 100 Kg (without base)</p> <p><b>Mains voltage:</b> 115/230 VAC ± 15%, 50/60 Hz</p> <p><b>Power consumption:</b> 500W</p> <p><b>Operating conditions:</b> Storage: -20°C to 65°C (max 85% RH not condensing) Working: 0°C to 50°C (max 85% RH not condensing)</p> <p><b>Class protection:</b> IP54</p>	<p>refer to the size table</p> <p>100 Kg (without base)</p> <p>115/230 VAC ± 15%, 50/60 Hz</p> <p>500W</p> <p>Storage: -20°C to 65°C (max 85% RH not condensing) Working: 0°C to 50°C (max 85% RH not condensing)</p> <p>IP54</p>	<p>refer to the size table</p> <p>150 Kg (without base)</p> <p>115/230 VAC ± 15%, 50/60 Hz</p> <p>700W</p> <p>Storage: -20°C to 65°C (max 85% RH not condensing) Working: 0°C to 50°C (max 85% RH not condensing)</p> <p>IP54</p>	
OPTIONALS	<p>Integrated Webcam Integrated WiFi Integrated GPRS/UMTS Integrated Audio Proximity sensor Digital Signage Set-top-box Self-diagnostic</p>	<p>Integrated Webcam Integrated WiFi Integrated GPRS/UMTS Integrated Audio Proximity sensor Digital Signage Set-top-box Self-diagnostic</p>	<p>Integrated Webcam Integrated WiFi Integrated GPRS/UMTS Integrated Audio Proximity sensor Digital Signage Set-top-box Self-diagnostic</p>	

\*\* Also available in DOUBLE-SIDED version

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