

Monitor Technical Specification

Product Name LCD40 SQ 16/9 Outdoor

Display Panel

Screen size: 40" (101 cm) diagonal
 Aspect Ratio: 16:9
 Resolution: 1366 (H) x 768 (V) pixels
 Pixel pitch: 0.65 (H) x 0.65 (V) mm
 Active area: 885 (H) x 497 (V) mm
 Brightness: 700 cd/m² (typical)
 Contrast ratio: 2000:1 (typical)
 Viewing Angle: H: 170° , V: 170°
 Colours: 16.77 Mil
 Response Time: 8 mSec
 Front filter: Double laminated 4+4mm antivandal protected crystal

Connections

Video: 1 x BNC [CVBS, input only]
 1 x mini DIN 4 pin [Y/C input only]
 PC: 1 x Dsub 15 HD [Analog RGB input only]
 1 x DVI-D [Digital RGB, input only]
 Control: 1 x Dsub-9 female [RS232 - input]

Features

Video compatibility: PAL (BGH/D/I, M, JN, 60). NTSC (M,4.43), SECAM (optional)
 Video signal level: CVBS: 1 Vpp / 75 Ohm - nominal (with AGC)
 Y/C: 1 Vpp / 75 Ohm - nominal (with AGC)
 PC compatibility: VGA - SXGA (1600 x 1200) - Auto frequency detection
 PC signal level: RGB: 0.7 Vpp / 75 Ohm (RGB), TTL (HV)
 1 x DVI-D [Digital RGB, input only]
 Frequency range: Horizontal: 15 kHz - 94kHz
 Vertical: 50Hz - 85Hz
 Control Interfaces: Local Keyboard (OSD assisted)
 Infrared Remote Control (OSD assisted)
 RS232 Serial Port

Controls

Video: Brightness, Contrast, Colour, Sharpness, Hue
 Colour Temperature (4 selections)
 Source selection
 Geometry: Free adjustment of picture dimension and position
 Selection of format (4:3 or 16:9 pictures)
 Electronic Zoom up to 10X (with selection of display area)
 Others: Stand-by mode
 Status indication
 Programmable OSD Position and aspect
 Multilanguage Menu (GB, D, E, F I)

Options

Integrated PC: Various configurations are available
 Cooling System: Please ask for details
 Internal Heaters: Enables use from -20° to +40° C
 Wall Mounting plate: Purpose built mounting plate
 Transflective Screen: Improves brightness of screen in Sunlight

User

Remote Control with batteries

LCD 40 Outdoor/Anti-vandal



- Reinforced stainless steel sealed cabinet
- Special input board protection
- Antiglare front crystal
- Reinforced ventilation
- Optional built in heater with internal thermal control
- Built in PC on request
- Replaceable 4 + 4 laminated safety glass
- Portrait or Landscape versions
- Transflective panel version available

These professional high quality LCD displays are the ideal solution when textual information has to be viewed outdoors. The sophisticated cabinet fully protects the display and electronics from the weather and also from attack by vandals. The "Outdoor" can be a standard data monitor or have an optional PC built in and thus operate as a single digital signage display or as part of a digital signage network.

The advanced design of the cabinet enables the removal of the PC to repair or substitute and to replace the protective glass if it becomes damaged, without the need to dismount the cabinet. In any event the "Outdoor" will be ideal for public houses, bars, public buildings, shopping malls, sports centres, in fact anywhere where information has to be presented outside a building.

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Specification continued

Physical

- Dimensions: 1080mm (W) x 600mm (H) x 200mm (D)
- Weight: 50 Kg
- Mains Voltage 115/230 Vac ± 15%, 50/60 Hz
- Power : 240 W
- Standby Temp: -25°C to 40°C with one heater option
-38°C to 40°C with two heater option
- Operating Temp: 0°C to 40°C (max 75% RH not condensing)
Internal thermal regulation
- Storage Temp: -20°C to 60°C (max 75% RH not condensing)
- Class Protection: IP 54

Outline Dimensions



Notes

- Integrated PC rack optionally available
- PC can be removed from the cabinet in seconds
- TFT panel can be removed from cabinet
- Front protective crystal can be removed

Portrait Format

The LCD40 Outdoor/Anti-vandal monitor can be supplied in a regular landscape format or in portrait mode. This is ideal when displaying information such as Rail or Airport Timetables or public information such as may be found outside Police Stations or shopping centres.

Mounting Options

Various mounting options are available to cover every requirement from wall, bulkhead or ceiling ironwork.

Cabling

Cable entry is at the rear of the cabinet where there is a metal plate. This is sealed to the cabinet and has to be drilled to the correct diameter to accommodate the cables in a tight fit then an additional seal is applied. The necessary cables can be those for power, video and/or data input, an antenna if the cabinet contains a WiFi interface.

Configuration Options

The Outdoor/Anti-vandal monitor can be supplied in two different formats, a 40" LCD version and a 40" with a transfective screen. Other options are available on request. Optional heaters can be installed for particularly cold climates and an optional PC is available with a flexible configuration.

If you have a requirement for a tough outdoor monitor please contact Hantarex and we help to configure the right solution.



The above pictures show the original black version of the "Outdoor" which has now been replaced by the Silver cabinet unit shown on the front of this literature

Hantarex have a policy of continuous development and reserve the right to change specifications and descriptions without prior notice. All trade marks acknowledged. LCD 40 SQ Outdoor – Rev05

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