

ICP-ML21



21" Panel Mount (NEMA 4X): Industrial LCD Monitor designed to provide the industrial user with superior picture quality and state-of-the-art features housed in a rugged industrial enclosure with depth of only 2.2" it easily fits into small spaces.

Features

This high-resolution 21" display offers the industrial user the optimal tradeoff between screen size and cost. This industrial LCD Monitor is designed to provide the industrial user with superior picture quality and state-of-the-art features housed in a rugged industrial enclosure. Panel mount enclosure and depth of only 2.2" it easily fits into small spaces.

Specifications & Additional Information

- 21" active-matrix LCD display
- 1600 x 1200 resolution
- High brightness, ultra-high contrast (900:1)
- NEMA 4 / 4X / 12
- Black powder coated Carbon Steel or Stainless Steel Faceplate
- Tempered glass, anti-reflective window
- Only 2.2" deep (behind panel)
- Panel mount capable without drilling stud holes
- Touchscreen option
- VGA, Digital Video (DVI), S-Video, and Composite inputs

Display

- Thin-film transistor (TFT) Active Matrix Liquid Crystal
- Size - 21.3" diagonal
- Image Size - 17.00" (432mm) W x 12.75" (324mm) H
- Native resolution - UXGA (1600 x 1200)
- Plug and Play - DDC1/2B compatible

- Min. resolution - VGA (640 x 480)
- Pixel pitch - 0.27mm x 0.27mm
- Number of colors - 16,581,375 (24 bit)
- Viewing Angle (Hori/Vert) - 170° / 170°, typical
- Brightness - (white) 300 nits (cd/m2), typical
- Contrast Ratio - 900:1 (typical)
- Back light - Six CCFTs (Cold Cathode Fluorescent Tube); 50,000 hrs. half-life; replaceable
- Screen protector (when not shipped with touchscreen) - tempered glass to ANSI-Z97.1 SPEC; AR coated on both sides; 98% Transmission of light; 99% Reduction of glare; 53% UV blocking; 30% NIR Blocking; proprietary hydrophobic coating on outside reduces fingerprint smears, repels liquid spills and makes glass easy to clean

Video

- Input connector - HD-15, DVI digital, S-Video, Composite RCA
- Input signal format - Analog RGB signals, DVI Analog/Digital, CVBS, S-Video
- Horizontal scan - 30 kHz - 81 kHz
- Vertical scan - 56 Hz - 75 Hz
- Supported Video Standards - Std VGA - 640x480 @ 60Hz, SVGA - 800x600 @ 60Hz, XGA - 1024x768 @ 60Hz, SXGA - 1280x1024 @60Hz; UXGA - 1600 x 1200 (native mode)
- Response rate (typical) - 8 ms typical
- Electrical Power adapter - input 85-132VAC / 170-265VAC, 47-63Hz
- Power Consumption - 63 watts, maximum
- Power Management - DPMS/energy star, <2W

Enclosure

- Type - Panel mount; rear collar compresses gasket against panel, held by 14 10-32 studs
- Panel rating - NEMA 4/12 or NEMA 4/4X/12 (with proper installation) - built to IP65 standards
- Black Powder Coated Steel or Stainless Steel faceplate

Environmental

- Temperature - 0 to 50 °C
- Humidity - 10% to 90% non-condensing
- Shock - 30g (1/2 sine, 11 msec.)
- Vibration 0.006 inch p-p 15-57Hz, 1.0g 57-640Hz sine
- Altitude - Operating: up to 10,000 feet; Non-operating: up to 40,000 feet

Functional

- Panel controls (rear access) - Power, Menu, +, -, Enter, Auto, PIP
- OSD (On Screen Display) controls - input source, picture adjust, auto adjustment, PIP, color adjust, setup, language

Physical

- Depth - 2.2" behind panel maximum
- Bezel Options- Carbon Steel, black powder coat; Stainless Steel
- Front bezel outside dimensions - 22.28" (566mm) W x 17.87" (454mm) H x 0.28" (7mm) thick (not including gasket)
- Cutout dimensions - 21.13" (537mm) W x 16.70" (424mm) H ; +/- .020"

Touch screen option

- 5-wire resistive system
- emulates a mouse
- RS-232 and USB interface to host computer

Certifications

- UL 1950
- cUL 950 (Canada)
- FCC Class A
- CE (ML17, ML19 only)