



Solutions for Demanding Applications

20.1" UXGA NEMA 1 Tabletop LCD Display

This 20.1" tabletop display is designed to be placed in a variety of industrial and process control environments requiring a large NEMA 12 monitor with resolutions from VGA to UXGA*. These displays are auto sync compatible with PC's video standards and satisfy a wide variety of industrial control and man-machine interface applications and are available in a variety of sizes.

SPECIFICATIONS

FEATURES

- ◆ Bright Active Matrix TFT Display
- ◆ HD15(F), DVI-D Pin, RCA, Mini Din
- ◆ Picture in Picture
- ◆ Anti-Reflective Protective Faceplate
- ◆ Optional Touch Systems

Marks of Conformity:

Product Safety: UL60950-1/
CSA C22.2 No. 60590-1
(2006/95/EC, EN 60950-1:2006, IEC 60950-1:2005)
FCC47 CFR part 15, subpart B
EMC: EN 55022:2006, EN 55024:1998, CISPR 22:2005, CISPR 24:1997
Canada: ICES-003
Australia/New Zealand: AS/NZS CISPR 22
CE
RoHS
WEEE



*Supports all VESA standard video formats

Display Size

20.1 Inch

Panel Type

TFT Active

Resolution

VGA to UXGA*

Pixel Format

640 x 480, 800 x 600, 1024 x 768
1280 x 1024, 1600 x 1200*

Pixel Pitch

.255mm (w) x .255mm (h)

Viewing Angle

Left / Right: 178°/178°
Up / Down: 178°/178°

Active Display Area

16.170"(w) x 12.150"(h)
410.72mm x 308.61mm

Picture in Picture

Small Window: 3.6" (w) x 2.9" (h)
Med Window: 5.0" (w) x 9" (h)
Large Window: 6.5" (w) x 5.0" (h)

Contrast Ratio

800:1

Brightness

300 Nits Typical

Colors Supported

16.8M

Backlight

50,000 Hrs Typical

Video Input

0.7Vp-p / 75 ohm Digital

Sync

TTL Separate H&V,
Combined, SOG

Input Connectors

HD15(F), DVI-D Pin,
(NTSC / PAL)
5 PIN MINI—DIN (S-Video)

Optional:

HD15(M) - 5xBNC(F) Interface Cable

Power Source

90-264VAC Universal

Optional:

24VDC @ 2.8A

Power Consumption

50 Watts @115VAC

8 Watts Sleep Mode

Temperature

Operating: 0 to 50°C

Storage: -20 to 60°C

Optional:

Operating: -20°C or -40°C

Humidity

Operating: 10 to 95%NC

Storage: 10 to 95 NC

Outside Dimension of Panel

(not including stand)

19.170"(w) x 15.150"(h)

486.92mm(w) x 384.81.4mm(h)

Depth Behind Panel

3.310" / 84.07mm

Bezel Finish

NEMA 12:

Black Powder Coat Aluminum

Touch Screen

Optional:

Resistive or Capacitive

Touch Interface

Serial

Optional: USB

Shipping Information

Unit Weight: 26 lbs

Boxed Unit Weight: 32lbs

Box Size: 15x14x21

Stand: 30 lbs

Stand Boxed: 34 lbs

Stand Box Size: 15x14x21

CONTACT

HEADQUARTERS

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www.vartechsystems.com

OPTIONS

- ◆ Capacitive Touch or Resistive Touch
- ◆ HD15 to 5NC adapter cable
- ◆ Optical Bonding for added Shock & Vibration protection and/or reduced solar reflectivity
- ◆ Integrated Heaters & Thermostat for extended Operational Temperature -20°C
- ◆ Transparent Thermal Heaters for -40°C Operational Temperature
- ◆ Private Label for OEM/VAR Applications
- ◆ ITO Glass for Heater or EMI
- ◆ Automatic Dimming Sensor
- ◆ Manual Full-Range Dimming