


**20.1" UXGA Transflective NEMA 4 Panel Mount Display**


This 20.1" Transflective LCD display is designed to be placed in a variety of applications where the panel will be exposed to direct or indirect sunlight. Transflective displays reflect the light eliminating the need for additional expensive backlights and brightens the screen in direct sunlight without increasing power consumption. 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.

**FEATURES**

- ◆ Bright Active Matrix TFT Display
- ◆ HD15(F), DVI-D Pin, RCA, Mini Din
- ◆ VGA to UXGA Resolution Capabilities\*
- ◆ Picture in Picture
- ◆ Anti-Reflective Protective Faceplate
- ◆ Transflective Sunlight Readable Over 1000 Nits\*\*

\*Supports all VESA standard video formats

**CONTACT**
**HEADQUARTERS**

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**SPECIFICATIONS**
**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: 85°/85°  
Up / Down: 85°/85°

**Active Display Area**

16.062"(w) x 12.047"(h)  
408.00mm x 306.00mm

**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**

400:1

**Brightness**

250 Nits Typical

**Colors Supported**

16.8M

**Brightness**
**Transmissive Mode (Indoor)**

250 Nits

**Transflective Mode**

Up to 550\*\*

**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

**Altitude**

Operating: up to 10,000 ft

Storage: up to 40,000 ft

**Response Time**

T<sub>R</sub> = 9ms typical

T<sub>F</sub> = 7ms typical

**Bezel Outside Dimension**

21.5"(w) x 18.294"(h)

546.10mm(w) x 464.7mm(h)

**Cut Out Dimension**

20.36"(w) x 17.154"(h)

517.1mm(w) x 435.7mm(h)

**Depth Behind Panel**

3.498" / 88.8mm

**Stud Size & Screw Length**

10-32 x 1/2"

**Chassis Construction**

18 gauge Stainless Steel

**Bezel Finish**

Black Powder Coated

Cold Rolled Steel

**Touchscreen**
**Optional:**

Capacitive

**Touch Interface**

Serial

**OPTIONS**

- Capacitive Touch
- HD15 to 5BNC adapter cable
- Optical Bonding for added Shock & Vibration protection and/or reduced solar reflectivity
- Integrated Heaters & Thermostat for extended Operational Temperature, 20 to +50C
- Automatic Dimming Sensor
- Manual Full-Range Dimming

[www.vartechsystems.com](http://www.vartechsystems.com)