



20.1" UXGA Transflective NEMA 4X Panel



This 20.1" Transflective LCD display is designed to be placed in a variety of applications where the panel will be exposed to indirect sunlight. Transflective displays reflect the light eliminating the need for additional expensive backlights and brightens the screen in indirect 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-I29 Pin, RCA, Mini Din
- ◆ VGA to UXGA Resolution Capabilities*
- ◆ Picture in Picture
- ◆ Anti-Reflective Protective Faceplate
- ◆ Film Enhanced for Indirect Sunlight Readability

*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

Film Enhanced for Indirect
Sunlight Readability

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-I29 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

Humidity

Operating: 10 to 95%NC
Storage: 10 to 95 NC

Altitude

Operating: up to 10,000 ft
Storage: up to 40,000 ft

Response Time

T_R = 9ms typical
T_F = 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

Stainless Steel

Touchscreen

Optional:

Capacitive

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

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