



15.0" SXGA DiamondVue Flat Panel



This 15.0" DiamondVue flat panel display is designed to be placed in a variety of industrial and process control environments requiring a NEMA 4 panel mount that supports VGA to SXGA resolutions* and NTSC/PAL. This display is auto sync compatible with most PC's video standards and satisfies a wide variety of industrial control and man-machine interface applications.

SPECIFICATIONS

FEATURES

- ◆ Bright Active Matrix TFT Display
- ◆ Compact, Low Profile
- ◆ Anti-Reflective Protective Faceplate
- ◆ Optional Resistive or Capacitive Touch
- ◆ HD15(F), RCA (NTSC/PAL) & 5 Pin Mini Din (S Video)

Display Size

15.0 Inch

Panel Type

TFT Active

Resolution Capabilities

VGA to SXGA*

Pixel Format

640 x 480, 800 x 600,
1024 x 768, 1280 x 1024

Pixel Pitch

.297mm (w) x .297mm (h)

Active Display Area

11.973"(w) x 8.979"(h)
304.12mm(w) x 228.09mm (h)

Viewing Angle

Left / Right: 70°/70°
Up / Down: 60°/65°

Contrast Ratio

300:1 Typical

Brightness

450 Nits Typical

Back Light

50,000 Hours Typical

Colors Supported

16.2M

Input Connectors

HD15(F), RCA (NTSC/PAL)
5 Pin Mini Din (S-Video)

Optional:

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

Video Input

Analog 0.7Vp-p / 75 ohm, Digital,
NTSC/PAL

Sync

TTL Separate H&V,
Combined, SOG

Power Source

90-264VAC Universal

Optional:

12VDC@ 2.25A

Power Consumption

27 Watts

4 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 90% NC

Storage: 5 to 95% NC

Altitude

Operating: up to 10,000 ft

Storage: up to 40,000 ft

Dimensions

16.05"(w) x 13.22"(h)

407.57mm(w) x 335.74mm(h)

Weight

Unit: 15 lbs / 6.81 kg

Shipping: 30 lbs / 13.64 kg

Touch Screen

Optional:

Resistive or Capacitive or
Armor Touch (must optically bond)

Touch Interface

Serial or USB

*Supports all VESA standard video formats

CONTACT

HEADQUARTERS

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OPTIONS

- Capacitive Touch or Resistive Touch
- Armor Touch Rugged Touch Screen (must have optical bond)
- HD15(M) to 5xBNC(F) Interface Cable
- 12VDC Power Supply
- 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