


15.0" XGA DiamondVue Tabletop Flat Panel


This 15.0" ruggedized flat panel tabletop display supports VGA to XGA resolutions* and NTSC/PAL. The 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 Design
- ◆ 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 XGA*

Pixel Format

640 x 480, 800 x 600,
1024 x 768

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

Bezel Outside Dimension

16.5"(w) x 13.65"(h)

419.1mm(w) x 346.45mm(h)

Cut Out Dimension

15.06"(w) x 12.2"(h)

382.52mm(w) x 309.88mm(h)

Depth Behind Panel

2.59" / 65.27mm nominal

Chassis Construction

Integrated welded construction

Bezel Finish

Black Powder Coat Aluminum

Touchscreen
Optional:

Resistive or Capacitive or

Armor Touch (must optically bond)

Touch Interface

Serial

Optional:

USB

*Supports all VESA standard video formats

CONTACT
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OPTIONS

- Touch Screen: Resistive or Capacitive
- Armor Touch Rugged Touch Screen (must be optically bonded)
- 12VDC Power Supply
- HD15(M) to 5xBNC(F) Interface 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