

DuraVIS™ 3400

10.4" Rugged Touchscreen Flat Panel LCD Display

DuraVIS 3400



FEATURES

Color AMLCD - 10.4" Color TFT Active Matrix Liquid Crystal Display (AMLCD)

Touchscreen - Resistive Film Touchscreen Overlay and RS-232 Controller

Brightness / OSD Control - Panel Mountable Remote Keypad for Brightness Control Included; Removable Rear Panel to OSD Controls

Backlight - 400-Nit High Brightness CCFL Backlight (Optimized for Wide Temperature Use and Dimming)

Rugged Mechanicals - Panel-Mountable, Hardened Aluminum Chassis, Elastomeric Gasketing for Water Resistance and EMI Protection, Internal Silastic Boot for Shock & Vibration Isolation

MIL Grade - Designed to Meet MIL-STD-810F Environmental Standards for Thermal, Shock, and Vibration

Applications - Civil / Military Aviation, Naval & Ground Vehicle Installations

The DuraVIS 3400 is a rugged 10.4" resistive touchscreen Liquid Crystal Display (LCD). Optimized for panel-mount installations in civil and military ships, vehicle and airborne environments, this rugged flat panel monitor features a robust mechanical design with internal shock and vibration isolation, hardened aluminum housing, and integrated gasketing for water and EMI resistance.

Featuring a high brightness (400 Nit) CCFL backlight rated for long lamp life (50,000 hours), the DuraVIS 3400 produces clear color images in full SVGA (800x600) resolution with a 500:1 contrast ratio. Backlight brightness is adjusted through a panel-mountable keypad (included) or through a rear panel, which also provides access for on-screen display (OSD) adjustments. The unit accepts a standard analog video input and uses an RS-232 interface for touchscreen control.

Designed for compliance with various MIL-STD-810F environmental and MIL-STD-461E EMI/EMC standards, the DuraVIS 3400 display offers exceptional low-temperature operation (-20C) and resistance to shock and vibration profiles experienced by jet and rotary aircraft.



RUGGED SOLUTIONS for Real World Applications

DuraVIS™ 3400

10.4" Rugged Touchscreen Flat Panel LCD Display

Specifications:



LIQUID CRYSTAL DISPLAY:	10.39" Diagonal TFT-LCD w/ CCFL Backlight Viewable Area (W x H): 8.3" (211.2mm) x 6.24" (158.4mm) Surface Treatments: Anti-Glare and ITO Hard Coating 3H Touchscreen: Resistive Film Analog Controller, RS-232 Interface; CE/XP/Linux/Dos Drivers
OPTICAL CHARACTERISTICS:	Resolution: SVGA (800x600 Pixels) Contrast Ratio: 500:1 (Typical) Luminance (Brightness): 400 cd/m ² (nit) Typical Viewing Angle: 160° Conical (-70~70° (H), -60~50° (V)) # of Colors: 260K Response Time: 30ms (Typical) Black to White; 10ms (Typical) White to Black
BACKLIGHT:	CCFL Tubes, Replaceable (Lamp Life MTBF: 50,000 Hours)
VIDEO INPUT:	Standard VGA Video Input
POWER:	Power Voltage Input: 9-36VDC (12-28V nominal) Isolated DC/DC Converter (25Watt) Isolation: 1500V Galvanic
PHYSICAL:	Weight: Approx. 7.5 Lbs (3.4 Kg) Dimensions (W x H x D): 11.2" (284.48mm) x 9" (228.6mm) x 2.5" (63.5mm) Enclosure Material: Aluminum Alloy 6061-T6 Finish: Black Anodize (MIL-A-8625, Type II, Class 2) Installation: Panel Mounting Inputs/Connectors: Serial: DB-9M; VGA: HD15F; Power: DB-9F
TEMPERATURE:	Designed to MIL-STD-810F: Operating Temperature: -20°C to +60°C (-4°F to +140°F) Storage Temperature: -20°C to +80°C (-4°F to +176°F) Cooling: No Moving Parts. Passive.
SHOCK/VIBRATION:	Designed to MIL-STD-810F (Jet & Helicopter Test Profiles) Operating Shock: 15g, 11ms, ½ Sine Wave, 3 Pos/Neg per Axis Random Vibration: 0.022-G ² /10-Hz to 0.0026-G ² /2000-Hz
OPTIONS:	Optional +70C Operating Temp Up-Screening
WARRANTY:	1 Year Warranty (Extended Service Contracts Available)



DIGITAL TECHNOLOGIES FOR A BETTER WORLD

www.eurotech.com



A MEMBER OF EUROTECH GROUP

3222 Washington Street
Salt Lake City, UT 84115 USA
tel: 800.483.3152 - fax: 801.483.1523
email: sales@parvus.com

www.parvus.com