SEA-MIL-17PT
17" PCAP Rack Mount Defense Display

KEY FEATURES

- 17", 1280 x 1024 resolution
- Compliant MIL-STD 810G/ MIL-STD 461E
- Rack mount mechanical design, supports VESA mount
- PCAP multi-touch screen, front IP65
- Defence-grade power connector (MIL-DTL-38999/1)
- AC 100~240V, Universal, ±10%; DC 9~36V, ±10% (Optional)
- Convenient on-screen display controls

INTRODUCTION

The PCAP Rack Mount Defense Display Series delivers robust performance and reliability for mission-critical applications. Available in sizes from 15" to 32", these displays feature PCAP multi-touch screens, compliant with MIL-STD 810G and MIL-STD 461E for durability in harsh environments. The rack mount design with VESA compatibility ensures seamless integration, while the defense-grade power connector (MIL-DTL-38999/1) enhances safety. Ideal for military and industrial use, the series offers resolutions up to 1920x1080, universal AC/DC power options, and convenient on-screen display controls.

SPECIFICATIONS

Display

Resolution	1280x1024	**Size**	17.0 inches
Contrast Ratio	1000:1	**Panel Brightness**	350.0 nits
Display Color	16.7M Colors	**View Angles**	85,85,80,80
Active Area	337.920x270.336 mm	**Touch / Glass**	Projected Capacitive Multi Touch Screen PCAP with With ITO Film (Optional)

Environment

Operating Humidity	10% to 95% RH	**Operating Temperature**	-20°C~60°C
Storage Temperature	-30°C~70°C		

Compliance

MIL-STD 461G	RE101 / RE102 CE101 / CE102 CS118 with EMI Glass / Touch(Optional) RS101 / RS 103 CS101 / CS 106 / CS 109 / CS 114 / CS 115 / CS 116	**MIL-STD 810H**	Vibration Method 514.8 Humidity Method 507.6 Transit Drop Method516.8

Certification

Certification	CE, FCC

IO Ports

USB Port	1 x USB for Touch Screen	**Video**	1 x VGA 5 x BNC (R,G,B,H,V) 1 x DVI-D

Mechanical

Dimension	482.6 x 399.3 x 79.6 mm	**Mounting**	VESA mount Rack mount (Optional)
Enclosure	Metal Housing with Aluminum Bezel	**Cooling System**	Fanless Design

Accessory

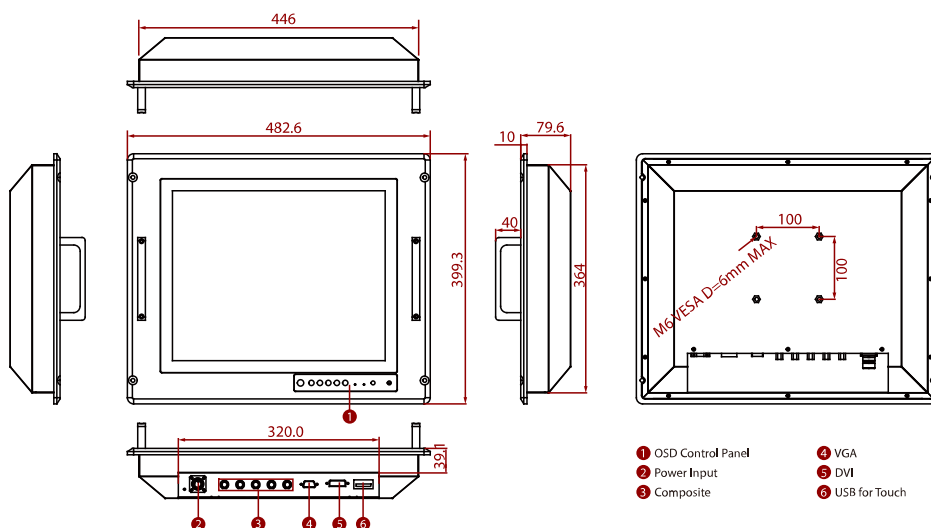|	
Accessory	1 x User Manual(Hardcopy) 1 x Power Cord MIL-DTL-38999/1 1 x VGA Cable 1 x DVI Cable 1 x VGA to 5 BNC Shielding Cable

Power

Power Rating	AC 100~240V, Universal, ±10% DC 9~36V, ±10% (Optional)

Control

Button	1 x "Power" key to power on the device. 1 x "+" key to increase screen brightness. 1 x "-" key to decrease screen brightness. 1 x "Menu" key can Automatically or manually adjusts brightness of the display screen 1 x Day / Night Mode button 1 x LED indicator brightness adjustment button 1 x Ambient Light sensor

DIMENSIONS UNIT:MM

NOTE

1. The product shown in this datasheet is a standard model. For diagrams that contain customized or optional I/O, please contact the Seatronx Sales Team for more information.

❶ OSD Control Panel	❹ VGA
❷ Power Input	❺ DVI
❸ Composite	❻ USB for Touch