

WebOIT-1560

Web-enabled Operator Interface Terminal with 15" XGA TFT Display



Features

- Bright 15" XGA TFT LCD with Touchscreen
- 500 MHz Transmeta Crusoe Processor
- NEMA4/IP65 compliant front panel
- Fanless and Diskless for high reliability
- Windows CE .NET Operating System
- Advantech Studio Runtime Included
- 100+ PLC Drivers Included
- Integrated Web, Telnet, RAS, and FTP Servers
- Email SMTP support
- Alarms, Trends, Reports, Graphics, and Recipes are easily created and displayed to LCD display and through web server to Internet Explorer web browsers

Introduction

Packed full with features, the WebOIT-1560T is not a typical Operator Panel. Taking advantage of the Windows CE .NET operating system and the Advantech Studio Runtime software, the connectivity and flexibility options are unmatched by other simple operator panels. Take advantage of the WebOIT-1560T's open PC-based architecture to create a robust and reliable operator interface with unsurpassed connectivity.

Specifications

Hardware (sub-header)

- **Construction** Al-Mg front bezel and plastic back housing
- **Display** 15" XGA TFT LCD
- **Max. Colors** 256 K or above
- **Resolution** 1024 x 768
- **Luminance** 350 cd/m²
- **Backlight** 4 CCFL
- **CPU** Transmeta™ Crusoe™ 5400 (500 MHz)
- **RAM** 128 MB on board, with 112 MB allocated for users
- **Storage** Industrial grade CompactFlash® (64 MB standard)
- **I/O** 2x RS-232 serial ports, 1x RS-232/422/485 serial port, 1x parallel port, 1x 10BaseT Ethernet port, 2x USB ports, 1x PS/2 port, 2x PCMCIA slots, 1x VGA port, 1x MIC/ line out
- **Touchscreen** Type 4-wire, analog resistive
- **Touchscreen Life** 1 million activation minimum
- **Power Input 2** 4 V_{DC}, 1 A maximum
- **Dimensions (W x H x D)** 383 x 307 x 55 mm (approx 15 x 12 x 2 in)
- **Weight** 3.8 kg (8.37 lbs)
- **Operating Temperature** 0 ~ 50° C (32 ~ 122° F)
- **Storage Temperature** -20 ~ 60° C (-4 ~ 140° F)
- **Relative Humidity** 10 ~ 95% @ 40° C, non-condensing
- **EMI** FCC class A certificated, BSMI certificated
- **CCC, CE, UL Certified**
- **Front panel meets NEMA4/IP65**

Software (sub-header)

- **Operating System** Windows CE .NET
- **Pre-built Servers** Web Server, FTP Server, Telnet Server, Remote Access Server (RAS)
- **HMI Functions** Advantech Studio CE Runtime with:
 - 1500 application tags (default)
 - 100+ built-in PLC drivers (up to 3 running simultaneously)
 - 8 simultaneous web clients
 - OPC Client and Server
 - Email (SMTP) Integration
 - Fully featured dynamic graphics with object library
 - Alarming, Trending, Reporting features
 - Scripting Language with 100+ standard functions
 - Recipes (ASCII and XML formats)
 - Remote project management including online editing
 - Multi-level security for use over Intranet and Internet

Ordering Information

- **WOIT-1560** Web-enabled Operator Interface Terminal with 15" XGA TFT Display
- **PS-DC24-50** 50 watt 24 V_{DC} Power Supply
- **AS1500-CD51** Advantech Studio Development Software (1500 tags)
- **AS4000-CD51** Advantech Studio Development Software (4000 tags)