WebView-660

6.4" Web-enabled HMI

NEW

Features

- 6.4" TFT LCD
- Super slim and compact design with plastic housing
- NEMA4/IP65 compliant front panel
- Built-in Windows® CE with Advantech WinCE WebAccess
- Support Vector-based graphics
- Support various protocol driver to communicate with different devices
- Multi-thread communication, response time is fast
- Remote control and monitor by Web browser
- All project programming, database and display configuration, alarm setting and schedule configuration can be done remotely
- Easy to diagnosis and maintenance, help to reduce maintenance cost
- Import BMP, JPEG, GIF

RoHS COMPLIANT 2002/95/EC   R33138   CCC   CE   FCC   cULus LISTED E180881 I.T.E.

Introduction

Advantech WebView-660 is fanless SCADA and HMI hardware, featuring 6.4" TFT LCD display, AMD LX800 500 MHz CPU and rich interfaces (such as serial, USB and LAN). Installed Advantech WinCE WebAccess, WebView-660 is a complete browser-based HMI, whose powerful Microsoft IIS Web Server function increases the flexibility and convenience, and makes the user easy to configure and maintain the system via Internet. With built-in driver, WebView-660 can connect with variety of Building Automation equipment and devices, and get data from them.

Specifications

General

- **Cooling System** — Fanless design
- **Dimensions (W x H x D)** — 195 x 148 x 44.4 mm (7.68" x 5.83" x 1.75")
- **Enclosure** — ABS and ABS + PC
- **Mounting** — Panel
- **Power Consumption** — 43.52 W
- **Power Input** — 18 ~ 32 V_{DC}
- **Weight (Net)** — 0.8 kg (1.76 lb)

System Hardware

- **Audio Ports** — 1 x Line-out, 1 x Microphone
- **CPU** — AMD LX800 500 MHZ
- **Expansion Slots** — 1 CompactFlash slot
- **Graphics Controller** — Controlled by CPU
- **LAN** — 1 x 10/100Base-T
- **Memory** — 256 MB DDR SDRAM (up to 1 GB DDR SDRAM)
- **Serial Ports** — 1 x RS-232
  1 x RS-232/RS422/RS485
- **USB Ports** — 2 x USB 2.0

LCD Display

- **Backlight Life** — 20,000 hrs
- **Contrast Ratio** — 180
- **Display Size** — 6.4"
- **Display Type** — TFT LCD
- **Luminance (cd/m²)** — 150
- **Max. Colors** — 262 K
- **Max. Resolution** — 640 x 480
- **Viewing Angle (H/V)** — 90/50

Touchscreen

- **Lifespan** — 10 millions times with a silicone rubber of 8 mm diameter finger
- **Light Transmission** — Above 75%
- **Resolution** — 1024 x 1024
- **Type** — 4-wire, analog resistiver

Environment

- **Humidity** — 10 ~ 95% RH @ 40° C, non-condensing
- **Ingress Protection** — Front panel: NEMA4, IP65
- **Operating Temperature** — 0 ~ 50° C (32 ~ 122° F)
- **Storage Temperature** — -20 ~ 70° C (-4 ~ 158° F)
- **Vibration Protection** — 1 Grms (Random, Operating)

Software Specifications

- **Operating System** — Windows CE
- **Installed Advantech WinCE WebAccess with specification listed below:**
I/O Tag Number	150/600
Internal Tag Number	150/600
Web Client	2
Alarm Logging	1000
Action Logging	1000
Message Characters	50
- **Graphics**
Graphic Pages Capacity	100
Macro Key	Yes
Local Script	Yes
Variable per Graphic Page	255
- **Data Trend Log**
Data Logging Tag number	50 Tags
- **Recipe**
Recipes per Project	100
Unit per Recipe	100
Item per Unit	999
- **Scheduler**
Holiday Configuration group	10
Time Group	99
Loop Group	99
Device Group	99

Ordering Information

- **WVIEW660-150-W50E** — 6.4" Web-enabled HMI with WinCE WebAccess 150 tags
- **WVIEW660-600-W50E** — 6.4" Web-enabled HMI with WinCE WebAccess 600 tags

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