SCADA Edge Visualizer

Process Visualization with Various Display Sizes

Edge
Solution-Ready
Package

ESRP-SCA-TPCB200

Edge-SRP
Edge Solution
Ready Package

- Easy operation on any browser with 100% HTML5 web-based SCADA
- Open interfaces and database connectivity ensures flexible integration
- Reliable and continuous operation with SCADA redundancy

WebAccess/SCADA

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WISE-PaaS

Edge Solution-Ready Package
ESRP-SCA-TPCB200

✓ **Easy Operation on Any Browser with 100% HTML5 Web-Based SCADA**

Advantech's edge process visualizer is equipped with its HTML5 web-based WebAccess/SCADA software, which allows all HMIs, dashboards, forms, maps, and facility/floor plans to be accessible from any mobile device that features JavaScript support.

✓ **Open Interfaces and Database Connectivity Ensures Flexible Integration**

WebAccess/SCADA supports diverse interfaces, including RESTful, SignalR, and WebAccess APIs, to ensure easy access and application development. Advantech's real-time database was designed to meet industrial demands for high-speed, large-volume data access. Moreover, the ODBC interface can restore historical data to Microsoft SQL Server, Oracle, MySQL, and Microsoft Access for offline data sharing with MES or ERP systems.

✓ **Reliable and Continuous Operation with SCADA Redundancy**

Advantech's edge process visualizer features one or more redundant SCADA server (s) to ensure system availability. This means that in the event of a primary server failure, the redundant server will assume the system functions and tasks.

SCADA	Standalone Process Visualizer
Part Number	ESRP-SCA-TPCB200
Operating System	Microsoft Windows10 IoT 2016 Enterprise LTSB (64 bit)
Control Software	WebAccess 8.2 Professional SL, 1500 tags
CPU	Intel® Celeron® J3455, 1.50 GHz
Memory	4 GB DDR3L SDRAM
Display Size/Type	12.1 ~ 21.5" front display panel module with P-CAP multi-touch control (12.1" with 5-wire resistive touch control)
Storage	64 GB M.2 SSD
Expansion Slots	1 x Full-size mini PCIe, supports GSM 11.11 stand SIM cards
LAN Ports	2 x 10/100/1000 BASE-T (Intel® I210)
I/O	2 x RS-232/422/485 2 x USB 3.0 2 x USB 2.0 1 x Audio Line Out 1 x DisplayPort
Mount Options	Stand and wall
Dual DC Power Input (Voltage)	24 V_{DC} ± 20%
Operating Temperature	0 ~ 50 °C (32 ~ 122 °F)
Storage Temperature	-30 ~ 70 °C (-22 ~ 158 °F)
Dimensions (W x D x H)	269 x 203 x 30 mm (10.6 x 8 x 1.2 in)
Certification	CE, FCC Class A, CB, UL, CCC, BSMI, KC, EAC

Ordering Information

Box Computing Modules

ESRP-SCA-TPCB200	Process visualization solution with WebAccess/SCADA 8.3 Professional, 1500 tags, TPC-B200-J12AE, 4 GB RAM, 64 GB SSD, and Windows 10

Panel Modules

P/N	FPM-D12T-AE	FPM-D15T-AE	FPM-D17T-AE	FPM-D18W-AE	FPM-D21W-AE
Panel Sizes	12.1" XGA	15" XGA	17" SXGA	18.5" HD	21.5" Full HD

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