Field Xpert SMT50
Universal, high-performance device configuration tablet PC
User-centered design

Intuitive configuration of all field devices

Rugged revolution – slim, light and strong The device configuration tablet PC Field Xpert SMT50 enables mobile Plant Asset Management in non-hazardous areas. It is ideal for commissioning and maintenance staff to manage field instruments with digital communication interface and to document the work progress.

Out of the box – ready to go This tablet PC comes as complete solution and provides an easy and touch-optimized “tool” to manage field instruments during their entire life cycle resulting in saving time and cost per device. It provides pre-installed driver libraries and access to Netilion as well as life cycle information and documentation.

With one-click connection Field Xpert SMT50 provides a modern software user interface and offers online software, DTM and driver update capabilities, based on a multipurpose and secure Microsoft Windows 10 environment.

One-click connectivity

Easy connection

Highlights:
- High-performance, robust tablet with large 12.2" display and a battery runtime of up to 8 hours.
- Touch-enabled device configuration software in 20 languages. Includes NAMUR NE 107 instrument diagnosis.
- Pre-installed device driver libraries for all of the important industrial protocols.
- Automatic saving of a HART device report in Netilion Library saves time and money.
- Automatic hardware detection saves time.
- Integrated Heartbeat Verification incl. PDF documentation.
- Online application software, DTM and driver update service offers new functionality and maximum security.

Technical data:
- 12.2" sunlight readable multi-touch HD display
- Intel Skylake Core m3-6Y30; 4 GB RAM; 128 GB SSD
- IP65, MIL-STD-810G, -20...60 °C, 5...95 % humidity
- Windows 10 IoT Enterprise
- 2 MP camera on the rear with LED flashlight
- 5 MP camera on the front
- Wi-Fi B/G/N/ 4.0 (BLE) Class 1.5
- 4G LTE, GPRS (optional)
- 2 x USB 2.0 + 1 x USB 3.0 + 1 Ethernet + 1 x RS232
- 1 x micro SIM and 1 x micro SD card slot
- Battery runtime of up to 8 hours
- 319.6 x 216 x 23.4 mm
- 1.5 kg
- Optional docking station (2 x USB, 1 x 1 Gbit Ethernet, 1 x RS232)

Field Xpert SMT50 communicating with HART, PROFIBUS, FOUNDATION Fieldbus as well as WirelessHART (and much more) field devices

The fastest way to configure any field device via fieldbus protocols and Endress+Hauser service protocols

Multiprotocol support offers proven combination of hardware, software and communication interfaces.

Connection to a device:
- Point-to-point via USB or Bluetooth modem
- Network via gateways, remote IOs, multiplexer
- Wireless via WLAN and Bluetooth to Endress+Hauser field devices

Supported communication technologies:
- HART
- PROFIBUS DP/PA
- FOUNDATION Fieldbus
- IO-Link
- Modbus
- CDI
- Endress+Hauser service interfaces (incl. firmware flashing)

Supported hardware interfaces:
- Commubox FXA195 (HART)
- MACTeck Bluetooth modem (HART)
- PROFibus (PROFIBUS DP)
- Fieldgate SFG500 (PROFIBUS DP)
- FieldPort SFP50 (HART, PROFIBUS PA and FOUNDATION Fieldbus)
- FieldPort SFP210 (IO-Link)
- FFusb (FF-H1)
- Memograph RSG45 (HART)
- CDI TCP/IP
- HART Viator USB modem with PowerXpress

Supported field devices:
- All Endress+Hauser and 3rd party devices based on DTM or EDD technology
More details on Netilion Library

[QR Code]

netilion.endress.com/library-best-practice

www.addresses.endress.com