



Field Xpert SMT50

Universal, high-performance tablet PC for device configuration



Benefits:

- Robust tablet with large 12" display and a battery runtime of up to 8 hours.
- Touch-enabled device configuration software for optimized asset management.
- Direct link to **Netilion**, Endress+Hauser's IIoT ecosystem.
- Pre-installed device driver libraries for all of the important industrial protocols.
- Fast connection to devices with a single click thanks to automatic hardware detection. Online application software and DTM/Drivers update service offers new functionality and maximum security.
- Integrated Heartbeat Verification incl. PDF documentation.
- Connection to Endress+Hauser Bluetooth and WLAN devices - perfect for difficult-to-access instruments.

Specs at a glance

- **Input** 2 MP camera on the front 5 MP camera or better, on the rear

Field of application: The Field Xpert SMT50 tablet PC for universal device configuration supports various protocols, the Endress+Hauser service protocols and connection to Endress+Hauser Bluetooth field devices. Field devices can be connected directly via suitable interface, e.g. a modem (point-to-point) or a bus system (point-to-bus) or wireless (WLAN/Bluetooth). The Field Xpert software package is fast, easy and intuitive to use. Its device library has more than 3000 pre-installed device and communication drivers.

Features and specifications

Fieldbus components

Measuring principle

Device configurator

Function

The Field Xpert SMT50 tablet PC for universal device configuration supports various protocols, the Endress+Hauser service protocols and connection to Endress+Hauser Bluetooth field devices. Field devices can be connected directly via suitable interface, e.g. a modem (point-to-point) or a bus system (point-to-bus) or wireless (WLAN/Bluetooth).

Input

2 MP camera on the front

5 MP camera or better, on the rear

CPU

Intel® Skylake Core m3-6Y30

Memory

Working memory: 4 GB DDR3L

Memory 128 GB M.2 SSD

Hard disk drive

512 GB, SSD, TLC

1 microSD-card slot

Power supply

Replaceable, rechargeable lithium polymer battery, 7,4 VDC, 6300 mAh (45 Wh)

Dimensions (WxHxD)

11.75 in · 8.5 in · 0.9 in

Screen size

12.2"

Touch Screen: 10-point capacitive (Corning Gorilla Glass 3)

Brightness: 280 cd/m²

Resolution

1920 × 1200 pixels

Fieldbus components

Communication interface

2x USB 2.0 + 1x USB 3.0

802.11 a/b/g/n | 2.4GHz + 5.8GHz Dual Band Wi-Fi

Bluetooth 4.0 (BLE) Class 1.5 | Transmission distance: 10 meters

Integrated 4G module + U-blox NEO-7

Operation

Operating system: Windows 10 LTSC

Configuration

Touch-enabled device configuration software optimized for Field Xpert that is characterized by easy, fast and intuitive operation. The Field Xpert device library has more than 3000 preinstalled device and communication drivers. They can be used to operate practically all HART and FOUNDATION Fieldbus devices (FieldComm Group libraries). Furthermore all Endress+Hauser field device drivers are installed. Further device drivers (DTMs) can be installed additionally. The generic HART DTM and PROFIBUS profile DTMs also enable operation of all the important basic functionalities of the relevant field devices.

Fieldbus components

Certificates

Degree of protection:

IP65

Vibration resistance:

MIL-STD 810G 514.6 Procedure I Cat. 24, Fig. 514.6E-1

Shock resistance:

MIL-STD-810G

Interference conformance to:

EN 55022: 2010+ AC: 2011

EN 55022 Class B

EN 61000-3-2

EN 61000-3-3

Interference immunity:

EN 55024: 2010

IEC 61000-4-2

IEC 61000-4-3

IEC 61000-4-4

IEC 61000-4-5

IEC 61000-4-6

IEC 61000-4-8

IEC 61000-4-11

Approvals:

CE, FCC"



info@lennotech.com Tel. +31-152-610-900

www.lennotech.com Fax. +31-152-616-289