



Field PDA HART Communicator

Model: FP-101-05

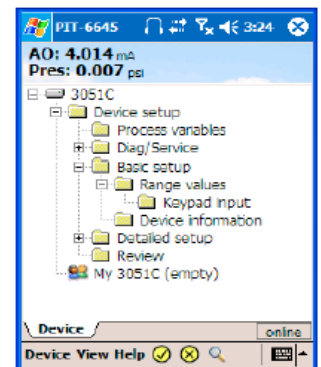
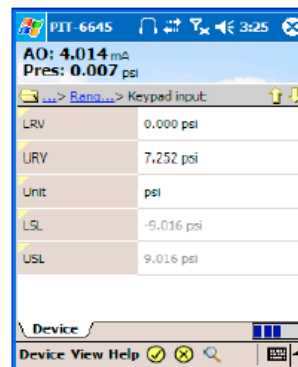


Features

- Open integrated, fully featured HART DDL interpreter
- On line DD serve for immediate update of local device library via internet
- Intrinsically safe Bluetooth HART modem for 100m open air range
- Super fast start and 'on-line' experience
- Device documentation with readable XML
- Large, Hi resolution, 4.0" TFT VGA display

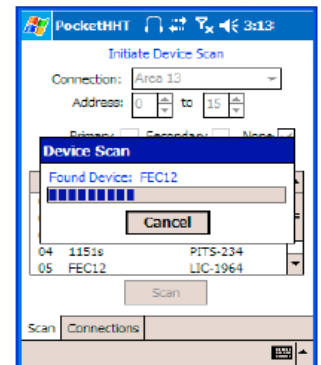
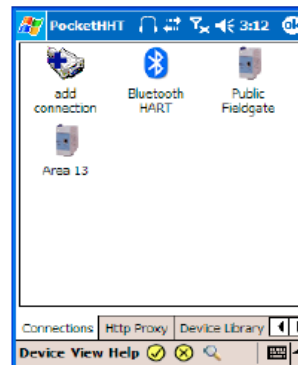
Parametrization of devices

Provide explorer-style navigation through device parameter groups. Individual parameters are clearly displayed; multiple choices are made via drop-down menus. The measured value and output current are on view in all pages.



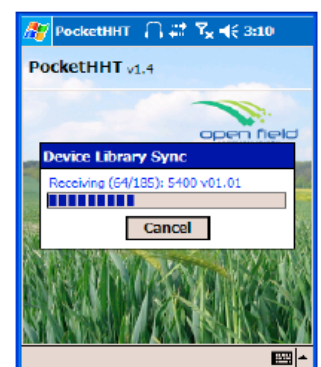
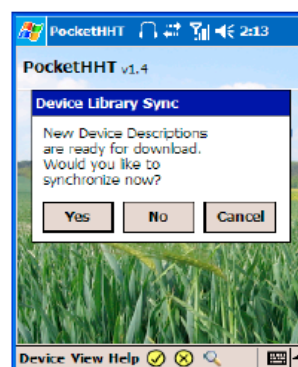
Configuration of connections

The user can configure a specific HART modem and address scan range appropriate to one scenario and then configure another connection to address a different requirement. The user benefits by bring up and configuring faster than ever before.



Device library update via internet

The device descriptions are delivered automatically to the PDA via the internet.





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Specification

PDA

Operation System	: Windows Mobile® 6 Classic
CPU	: Marvell PXA310, 624MHz
Display	: 4.0" TFT VGA
Resolution	: 640 x 480, 65000 colors, 16bit
Memory	: 128MB SDRAM, 256MB flash ROM
Extendable Memory	: SDIO, CF
WiFi	: WLAN 802.11 b/g, with VoIP support
Bluetooth	: 2.0 EDR
Battery	: Rechargeable 2200mAh Li-ion battery
Cabled Connections	: mini-USB 2.0 to sync and charge
Size	: 7.54 x 1.75 x 13.39 cm
Weight	: 190 g

HART Modem

Bluetooth	: 2.0 EDR
Range	: 100 meters (open air)
Operating Frequency	: 2.4GHz, 79 channels
RF Output Power	: 18dBm
Battery	: Accepts 3 – AAA, 1.5VDC, alkaline cells
Battery Life	: Approximately 20 hours continuous usage
HART I/O Interface Cable	: 0.5m length, termination mini-grabbers
IP Rating	: IP20
Intrinsic safety	: Class I, Division 1, Group A, B, C, D, T4 : ATEX II 1G Ex ia IIC T4
Size	: 88 x 42 x 19 mm



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