



I-7567

USB to HART Converter

Features

- Support HART Short/Long frame
- Support HART Burst mode
- Support point-to-point or multi-drop HART mode
- Support connecting up to 15 HART slave devices
- Provide utility tool for module configuration and HART communication
- No external power supply (powered by USB)
- Support firmware update via USB
- Provide PWR / Tx / Rx indication LED
- 4KV ESD Protection
- Selectable 250 Ω load resistor

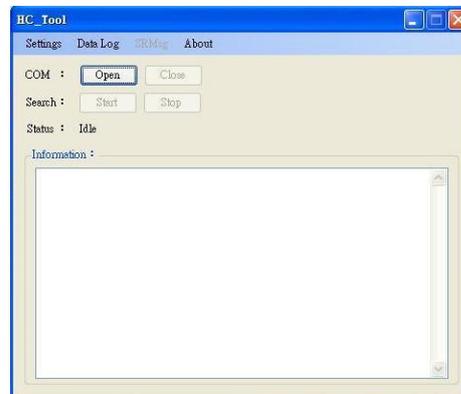


Introduction

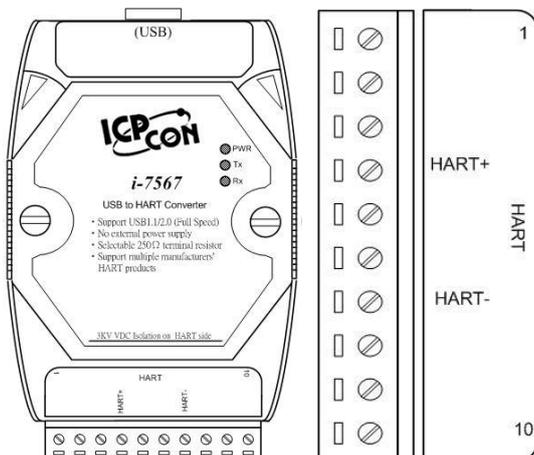
The I-7567 is a USB to HART converter specially designed as the master device of HART protocol. It allows users to access the HART slave via virtual COM-port of PC. When connecting I-7567 to PC, PC will load the relevant device driver automatically (hot plug & play). Therefore, users can make data collection and processing of HART network easier and quicker by applying I-7567. In addition, by using the I-7567 utility, users can configure module and test HART communication easily.

Utility Features

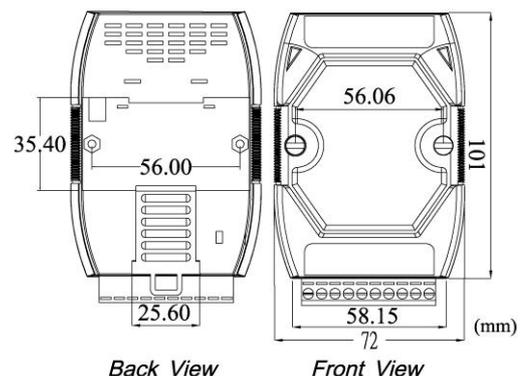
- Provide module configuration and HART communication easily and quickly.
- Provide HART devices search automatically.
- Provide diagnostic Information of HART device.
- Provide data logging for HART communication.



Pin Assignments



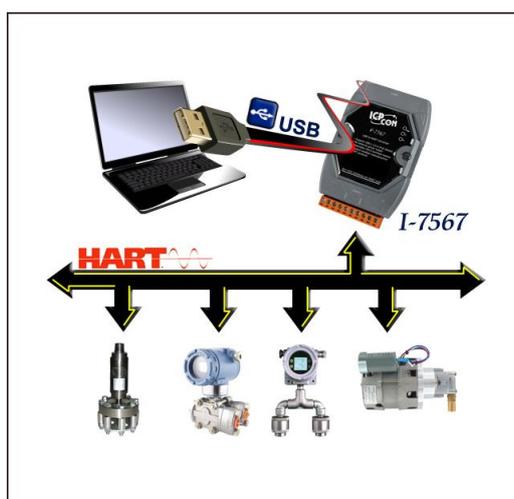
Dimensions (Units: mm)



Specifications

USB Interface	
USB Port	USB Type B
Compatibility	USB 1.1 and 2.0 standards
Virtual COM Parameter	1200 bps, O(odd parity), 8(data bit), 1(stop bit)
HART Interface	
Channel	1
Connector	2-pin screwed terminal block
Terminator Resistor	Selectable 250 Ω terminal resistor
4KV ESD Protection	Yes, Contact for each terminal.
Isolation Voltage	3000 V _{DC}
LED	
LED Display	PWR : Power Indicator
	Tx : Received Data from USB Indicator
	Rx : Received Data from HART Indicator
Power	
Power supply	By USB Interface
Power Consumption	Maximum : 1.5W
Software	
Driver	Windows 2000/XP/Vista/7 (32/64 bit)
Mechanism	
Installation	DIN-Rail or Wall Mounting
Dimensions	108mm x 72mm x 35mm (H x W x D)
Environment	
Operating Temperature	-25 to 75 °C
Storage Temperature	-30 to 75 °C
Humidity	5 to 95% RH, non-condensing

Application



Ordering Information

I-7567 CR	USB to HART Converter (RoHS)
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