

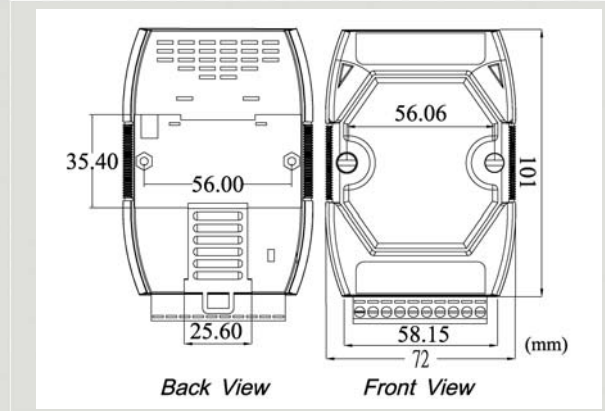


HART Series Products

USB to HART Converter



I-7567



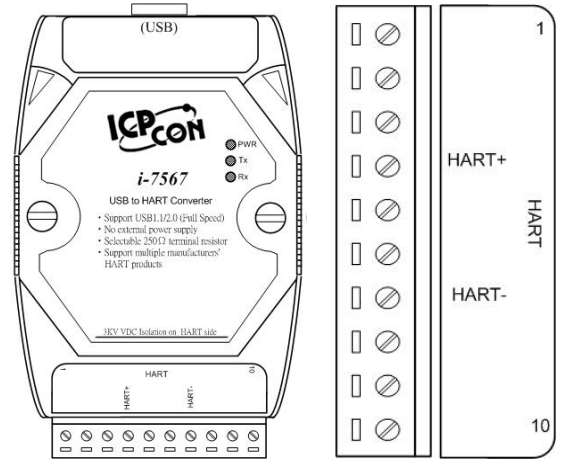
Dimensions

The I-7567 is a USB to HART converter specially designed for the master device of HART protocol. It allows users to access the HART slave by using virtual COM-port. These HART slave devices may be a transmitter, an actuator, a current output device and so forth. In addition, we also provide the utility tool for users to configure the I-7567.

Features

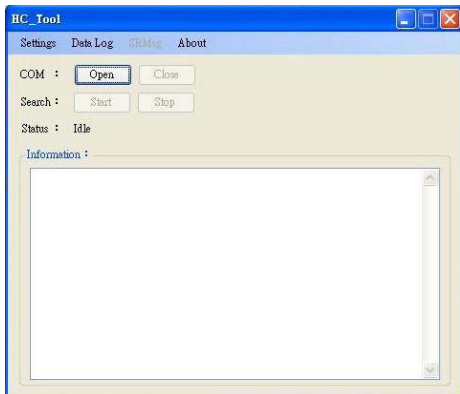
- Support HART Short/Long frame
- Allow two HART masters
- Working in point-to-point or multi-drop HART mode
- Connecting up to 15 HART modules
- Provide utility tool for module configuration
- No external power supply (powered by USB)
- Support firmware update via USB
- Provide PWR / Tx / Rx indication LED
- 4kV ESD Protection

Pin Assignments



Utility Features

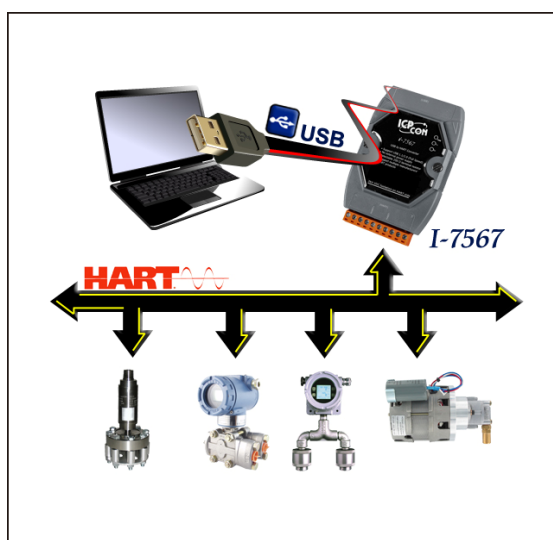
- Read/Write HART device by HART command
- Provide diagnostic Information
- Read/Write module configuration of the HART-710



Hardware Specifications

Interface	
USB	Compatibility: USB 1.1 and 2.0 standards
HART Interface	2-pin screwed terminal block
HART Channel	1
HART Terminator Resistor	Selectable 250 Ω terminal resistor
4KV ESD Protection	Yes, Contact for each terminal.
Intra-module Isolation, Field to Logic	3000V _{DC}
LED	
LED Display	1 LED as Power Indicator
	1 LED as Tx Communication Indicator
	1 LED as Rx Communication Indicator
Power	
Power supply	By USB Interface
Power Consumption	Maximum : 1.5W
Software	
Driver	Windows 2000/XP/Vista/7
Environment	
Operating Temperature	-25 to 75 °C
Storage Temperature	-30 to 75 °C
Humidity	5 to 95% RH, non-condensing
Mechanism	
Dimensions	108mm x 72mm x 35mm(H x W x D)

Applications



Ordering Information

I-7567 CR

USB/HART Converter (RoHS)