



GVK

HART COMMUNICATOR

Total Engineering Solution Service

Mission

기초에 근거하여 원천 기술을 살리고 원천 기술을
극대화하여 세계 중심에 서는 것

To stand at the centre of the world by
utilizing original technology based on the
foundation and maximizing original technology

Vision

우리는 옳은 일과 가치 있는 일에 주저함이 없이
최선을 다하고 실천하여 세계의 중심에 서자

Let us put ourselves at the center of the world by
doing our best and not hesitating to stand up for
what is right and worthy



GLOBAL VISION KOREA





Valve Product Service



GVK Limited, founded in June 2020 by a leader with 38 years of experience, focuses on R&D while ensuring quality, price, and functionality through domestic production. The company offers Process Valves, Valve Equipment, and Total Engineering services for industries such as Gas, Refining, Petroleum, Power generation, Environment, and Water treatment.

With a management team possessing 30-40 years of experience, GVK has developed numerous patents and adheres to quality standards like ISO 9001, 14001, 45001, and CE. Recognized for its advanced automatic control valves, GVK also supplies a range of Control Valves globally through OEM and ODM partnerships.

Although still in the early design and manufacturing stages, GVK has emerged as a leading company in Korea, equipped with skilled personnel and testing capabilities. The company aims to lower production costs, enhance efficiency, and improve quality while accumulating Hyper-Intelligence Valve Engineering (HIVE) technology. GVK Limited is committed to meeting customer needs with competitive pricing and high value-added services.

The Professional Provider of Automatic valve Actuators



Mutually Beneficial Relationships



To Be Your Best Partner



Twenty years experience "one stop" goods and services





GVK

Hart Communicator

Total Engineering Solution Service



GVK Hart Communicator

Contents

04	Structural Features
05	
06	

Hart Communicator

Emerson Trex, 475 and 375 Replacement Communicators

ProComSol Products Replace the Emerson Trex, 475, and 375 HART Communicators for a Fraction of the Price.

Direct Replacement

Our HART and FF communicators are often used as Emerson 475 or Emerson 375 replacement communicators,

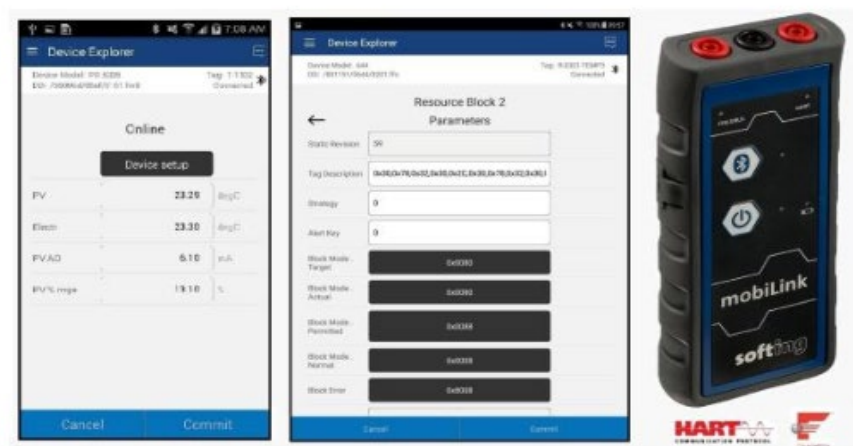
as those units are no longer available.

Our products are lower cost alternatives to the Emerson Trex device. Kits for Hazardous areas are also available.



Alternatives Exist

Since the Emerson 475 Field Communicator is no longer manufactured, you may be looking for an advanced communication alternative to the Trex, but with affordable pricing. We produce the highest-quality HART and FF communication [products](#) on the market. Our full range of HART and FF communicators can conveniently serve as Emerson 475 replacement communicator products.



HART AND FF BUNDLES

Procomsol Communicator



HART AND FF EX KITS

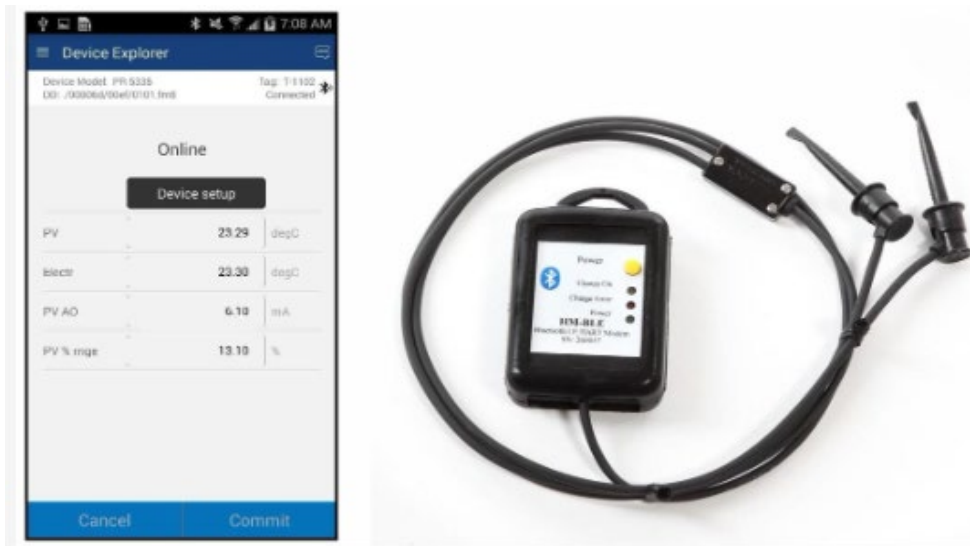
Similar to the Emerson Trex/475/375, our HART and FF communicators use the Device Descriptor (DD) for the connected HART or FF device. This allows access to all of the HART and FF device parameters including the device Methods for trims and calibrations. The included DD Library is comprehensive and easy to update and maintain.

Additionally, with our DevCom Communicator Apps and a HART/FF modem, you are able to convert your tablet, PC, or smartphone into a full-featured HART and FF communicator for only a fraction of the cost of an Emerson Trex.

Hart Communicator

Product - COM-DROID-BLE

Android HART Communicator Bundle,
Bluetooth LE



Features and Benefits:

Combines the components needed for a cost-effective Android based HART Communicator using your own Android device in an easy to order bundle. For use with Android devices with Bluetooth Low Energy

- Special Bundle pricing
- Use your own Android Device
- Complete HART communicator
- 1-year warranty



What's included:

- DevComDroid HART Communicator App
- HM-BLE Bluetooth Low Energy HART Modem

Procomsol Communicator

- Complete Device Descriptor (DD) library
- One year Update Subscription (SUB-1YR)

What's NOT included:

- Android Device

Software

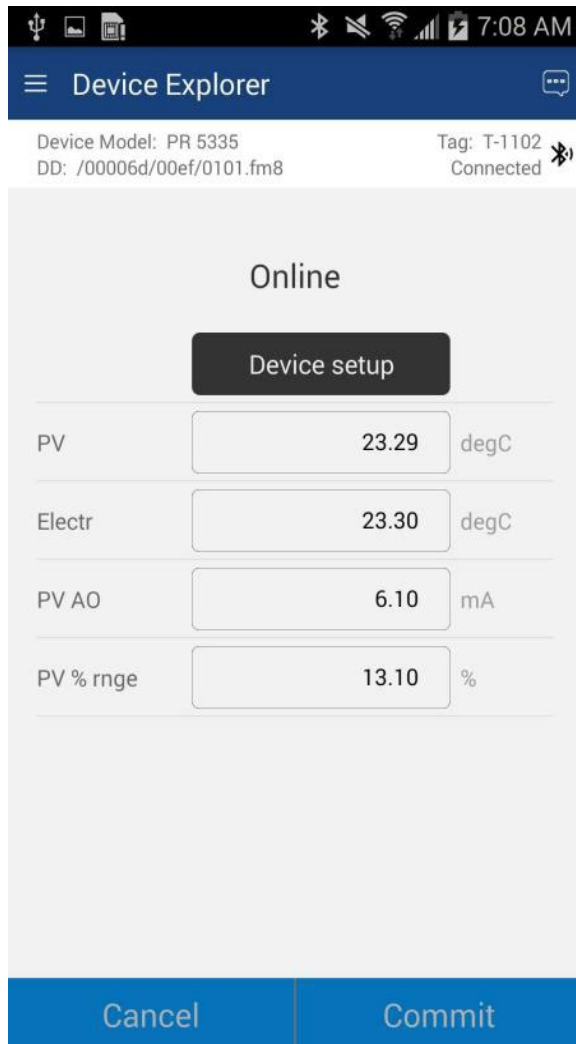
DevComDroid, HART Communicator App, Android

Android App used to perform complete HART device configurations using your Android based Tablet or Smartphone.

Features:

- Comes with ALL the latest registered Device Descriptors (DD's) from the FieldComm Group (FCG)
- Complete access to all features of the device DD including Methods
- Monitor PV, Multi-variables, and Device Status
- View and edit device Variables
- Easy to use Android interface
- Write saved device configurations to devices
- Perform Calibration Checks
- Save calibration and device configuration data to the cloud
- Supports HART 5, 6, 7, *WirelessHART* devices, and HART-IP
- Supports English, German, French, Spanish, Portuguese, Swedish, Russian, and Chinese languages
- 1 Year of free DD library and program updates
- No tag limits
- Wireless convenience
- 1-year warranty

Hart Communicator



Device Model: PR 5335
DD: /00006d/00ef/0101.fm8

Tag: T-1102
Connected

Online

Device setup

PV	23.29	degC
Electr	23.30	degC
PV AO	6.10	mA
PV % rng	13.10	%

Cancel Commit

Modem

HM-BLE, HART Modem, Bluetooth Low Energy

Perform HART communications between a HART transmitter and an Android device using Bluetooth Low Energy.

Features:

- Access hard to reach instrumentation from the ground or from your truck
- Improve plant personnel safety and productivity
- Easy instrument configuration using Android devices without wires
- Less clutter on desk or workbench
- Reliable wireless communication up to 328 ft (100m)
- Internal antenna
- Rechargeable Li-Ion battery via micro-USB connector
- Integral heavy duty HART Mini-grabber connectors
- Meets HART Physical Layer Spec HCF_SPEC-54
- High security 128 bit encryption
- Rugged ABS plastic enclosure with rubber boot
- Integrated loop for hanging strap attachment
- 1-year warranty

Procomsol Communicator

Product 2 - COM-DROID-USB

Android HART Communicator Bundle, USB

Features and Benefits:

Combines the components needed for a cost-effective Android based HART Communicator using your own Android device in an easy to order bundle. For use with Android devices with USB.

- Special Bundle pricing
- Use your own Android Device
- Complete HART communicator
- 1-year warranty



What's included:

- DevComDroid HART Communicator App
- HM-USB-ISO USB HART Modem
- Complete Device Descriptor (DD) library
- One year Update Subscription (SUB-1YR)

What's NOT included:

- Android Device

Software

DevComDroid, HART Communicator App, Android

Android App used to perform complete HART device configurations using your Android based Tablet or Smartphone.

Features:

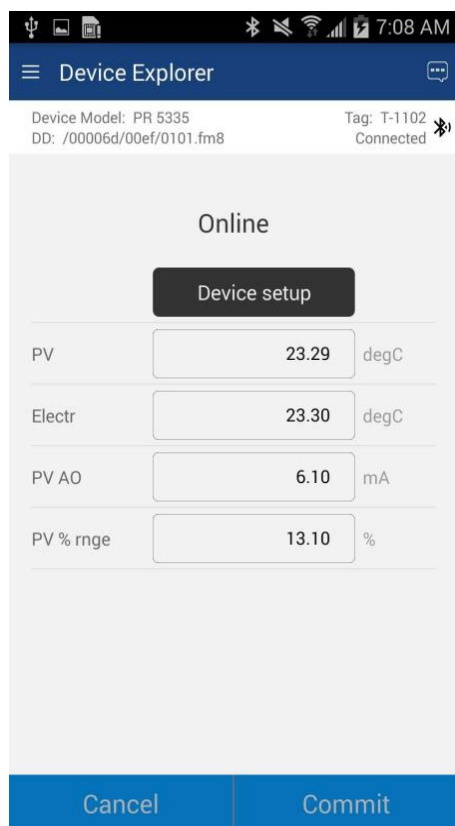
- Comes with ALL the latest registered Device Descriptors (DD's) from the

Hart Communicator

FieldComm Group (FCG)

- Complete access to all features of the device DD including Methods
- Monitor PV, Multi-variables, and Device Status
- View and edit device Variables
- Easy to use Android interface
- Save device configurations as text and PDF files for documenting the device
- Write saved device configurations to devices
- Perform Calibration Checks
- Save calibration and device configuration data to the cloud
- Supports HART 5, 6, 7, *WirelessHART* devices, and HART-IP
- Supports English, German, French, Spanish, Portuguese, Swedish, Russian, and Chinese languages
- 1 Year of free DD library and program updates
- No tag limits
- Wireless convenience
- Complete HART communicator that can fit in your pocket!
- 1-year warranty

Procomsol Communicator



Modem

HM-USB-ISO, HART Modem, USB

Perform HART communications between a HART transmitter and an Android device using USB. **Features:**

- 1500 Vdc Opto Isolation between HART and USB circuits
- Supports all USB versions
- Integral standard USB type A connector
- USB-C and Micro-USB adapters included
- Integral heavy duty HART Mini-grabber connectors
- Meets FieldComm Group specification HCF_SPEC-54
- Self powered, no external power supply or batteries needed
- Rugged ABS plastic enclosure with rubber boot
- 1 Year warranty

Hart Communicator

Product 3 - COM-DROID-HART-FF-MOBI

Android HART and FF Communicator Bundle, mobiLink

Features and Benefits:

Combines the components needed for a cost-effective Android based HART and Foundation Fieldbus (FF) Communicator using your own Android device in an easy to order bundle. For use with Android devices with Bluetooth or Bluetooth Low Energy.

- Special Bundle pricing
- Use your own Android Device
- Complete HART communicator
- Complete FF communicator
- Safe for Hazardous Areas
- 1-year warranty



What's included:

- DevComDroid HART Communicator App
 - DevComFF.Droid FF Communicator App
 - MOBI-FF mobiLink HART and FF Modem
 - Complete Device Descriptor (DD) library
 - One year Update Subscription (SUB-1YR)
- What's NOT included:**
- Android Device

Procomsol Communicator

Software

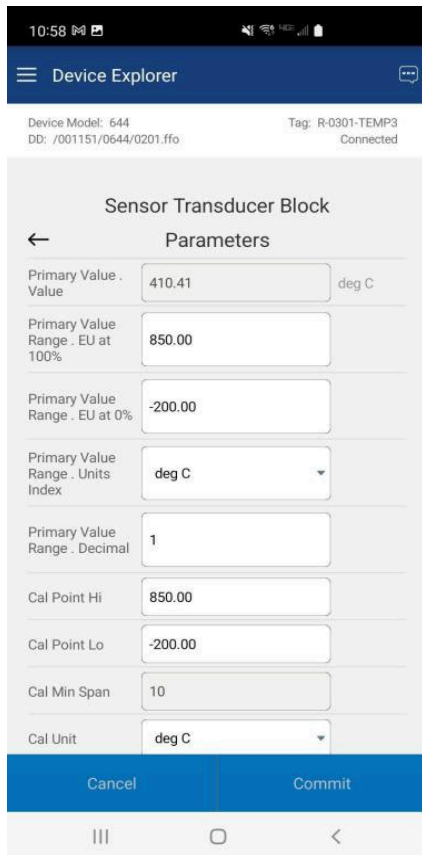
DevComFF.Droid, FF Communicator App, Android

Android App used to perform complete FF device configurations using your Android based Tablet or Smartphone.

Features:

- Comes with ALL the latest registered Device Descriptors (DD's) from the FieldComm Group (FCG)
- Complete access to all features of the device DD including Methods
- Access all Block data including Block Status
- View and edit device Variables
- Easy to use Android interface
- Save device configurations as text and PDF files for documenting the device
- Write saved device configurations to devices
- Perform Calibration Checks
- Save calibration and device configuration data to the cloud
- 1 year of free DD library and program updates
- No tag limits
- Wireless convenience
- 1-year warranty

Hart Communicator



The screenshot shows the 'Device Explorer' screen of the Hart Communicator app. At the top, it displays the time 10:58 and various status icons. Below the title bar, it shows 'Device Model: 644', 'DD: /001151/0644/0201.ffa', 'Tag: R-0301-TEMP3', and 'Connected'. The main section is titled 'Sensor Transducer Block' and contains a 'Parameters' table with the following fields:

Parameters	
Primary Value . Value	410.41 deg C
Primary Value Range . EU at 100%	850.00
Primary Value Range . EU at 0%	-200.00
Primary Value Range . Units Index	deg C
Primary Value Range . Decimal	1
Cal Point Hi	850.00
Cal Point Lo	-200.00
Cal Min Span	10
Cal Unit	deg C

At the bottom of the parameters section are two buttons: 'Cancel' and 'Commit'. The very bottom of the screen shows standard Android navigation icons.

Modem

MOBI-FF, mobilLink Modem for HART and FF

Perform Foundation Fieldbus (FF) and HART communications in hazardous areas using Bluetooth interface.

Features:

- Compliant FF Host
- Compliant HART Master
- Suitable for Hazardous areas, Zone 1
- Rugged IP54 enclosure
- Bluetooth interface (Hazardous areas)
- Battery powered, over 45 hours of continuous operation
- Integrated loop for hanging strap attachment
- 1-year warranty

Procomsol Communicator



Software

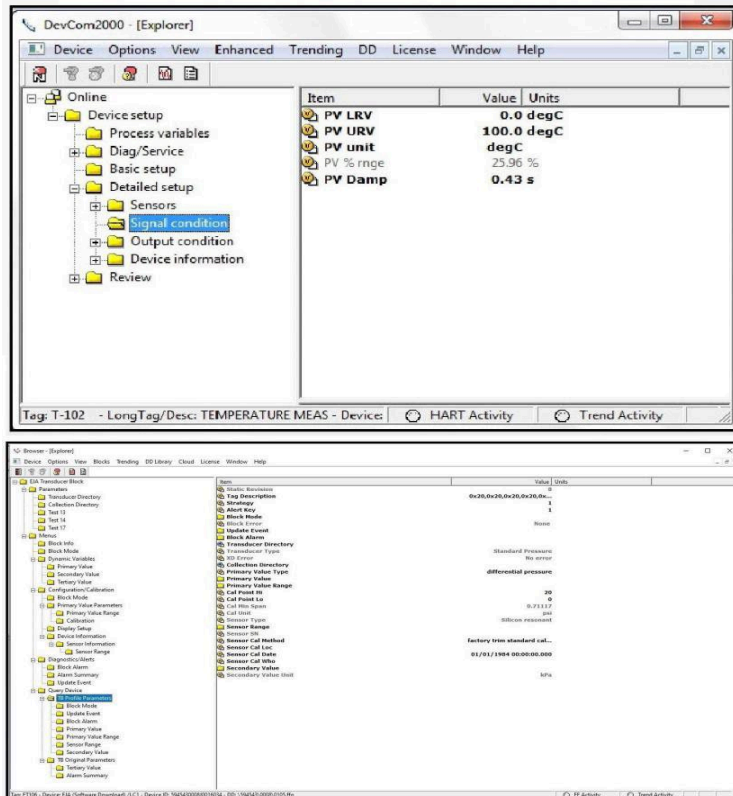
DevComDroid, HART Communicator App, Android

Android App used to perform complete HART device configurations using your Android based Tablet or Smartphone.

Features:

- Comes with ALL the latest registered Device Descriptors (DD's) from the FieldComm Group (FCG)
- Complete access to all features of the device DD including Methods
- Monitor PV, Multi-variables, and Device Status
- View and edit device Variables
- Easy to use Android interface
- Save device configurations as text and PDF files for documenting the device
- Write saved device configurations to devices
- Perform Calibration Checks
- Save calibration and device configuration data to the cloud
- Supports HART 5, 6, 7, *WirelessHART* devices, and HART-IP
- Supports English, German, French, Spanish, Portuguese, Swedish, Russian, and Chinese languages
- 1 year of free DD library and program updates
- No tag limits
- Wireless convenience
- 1-year warranty

Hart Communicator



COM-PC-HART-FF-MOBI-PWR

Windows HART and FF Communicator Bundle, mobiLink Power

Combines the components needed for a cost-effective Windows based HART and Foundation Fieldbus (FF) Communicator using your own Windows device in an easy to order bundle. Modem can also provide power to the HART or FF device. For use with Windows devices with USB.

Includes Software: DevComFF.Win, Foundation Fieldbus (FF) Communicator Software, Windows

Includes Modem: MOBI-FF-PWR, mobiLink Power Modem for FF

Procomsol Communicator



HART / Foundation Fieldbus / Windows / USB / Power Supply
Included
COM-PC-HART-FF-MOBI-PWR
Windows HART and FF Communicator Bundle, mobiLink Power

Features and Benefits:

DevCom2000 HART Communication Software for Windows,
DevComFF.Win FF Communicator Software for Windows bundled
with a MOBIFF-mobiLin Power Modem for HART and FF.

- Special Bundle pricing
- Use your own Windows Device
- Complete HART communicator
- Complete FF communicator
- Built-in power supply for HART
- Built-in power supply for FF
- 1-year warranty



What's included:

- DevCom2000 HART Communicator Software
- DevComFF.Win FF Communicator Software
- MOBI-FF-PWR mobiLink Power HART and FF Modem
- Complete Device Descriptor (DD) library

Hart Communicator

- One year Update Subscription (SUB-1YR) **What's NOT included:**

- Windows Device

Software

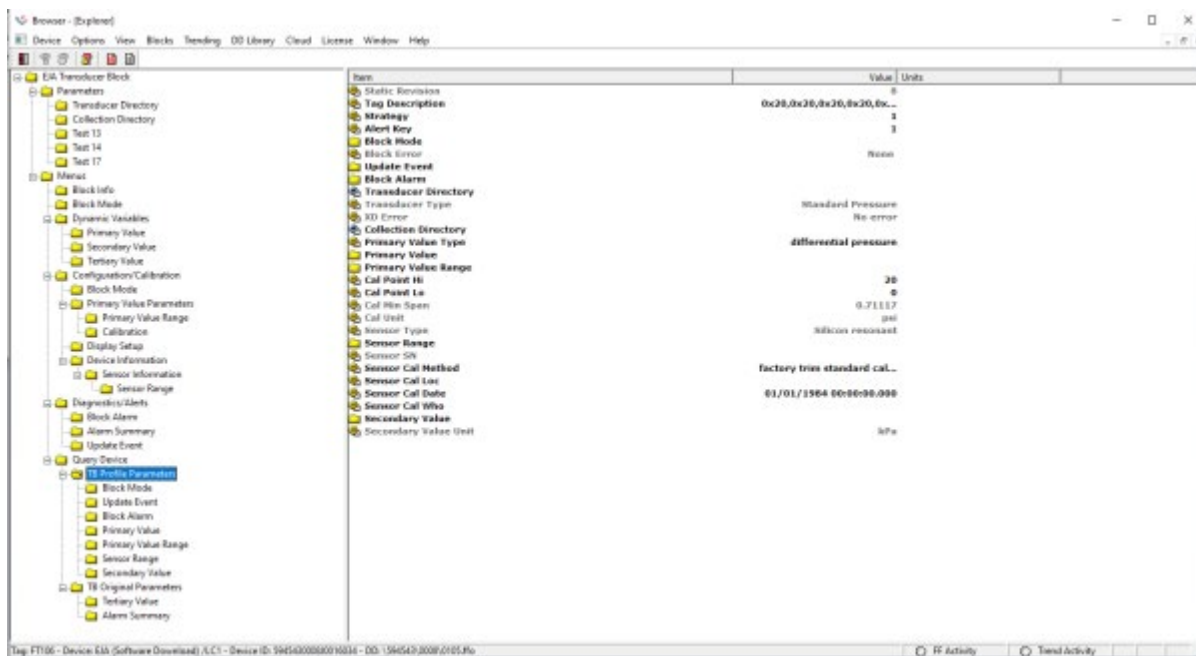
DevComFF.Win, Foundation Fieldbus (FF) Communicator Software, Windows

Windows software used to perform complete Foundation Fieldbus (FF) device configurations using your Windows Desktop, Laptop, or Tablet PC.

Features:

- Comes with ALL the latest registered Device Descriptors (DD's) from the FieldComm Group (FCG)
- Complete access to all features of the device DD including Methods
- Access all Block data including Block Status
- View and edit device Variables
- Windows Explorer menu layout
- Device menu structure easy to navigate
- Get to the information you want quickly
- Save device configurations as text and PDF files for documenting the device
- Write saved device configurations to devices
- Perform Calibration Checks
- Save calibration and device configuration data to the cloud
- Trend process variables as well as any other parameter associated with the device
- Complies with the Enhanced DDL standard (IEC 61804-3)
- No tag limits!
- 1 Year of free DD library and program updates
- 1-year warranty

Procomsol Communicator



Modem

MOBI-FF-PWR, mobiLink Power Modem for FF

Perform FF communications between a FF transmitter and a Windows device using USB. **Features:**

- Compliant FF Host
- Compliant HART Master
- Built-in power supply for HART Transmitters
- Built-in power supply for FF Transmitters
- Rugged IP54 enclosure
- USB interface
- Integrated loop for hanging strap attachment
- Supports Windows 7 through 11
- Supports 32 and 64 bit Windows
- 1 Year warranty

Hart Communicator



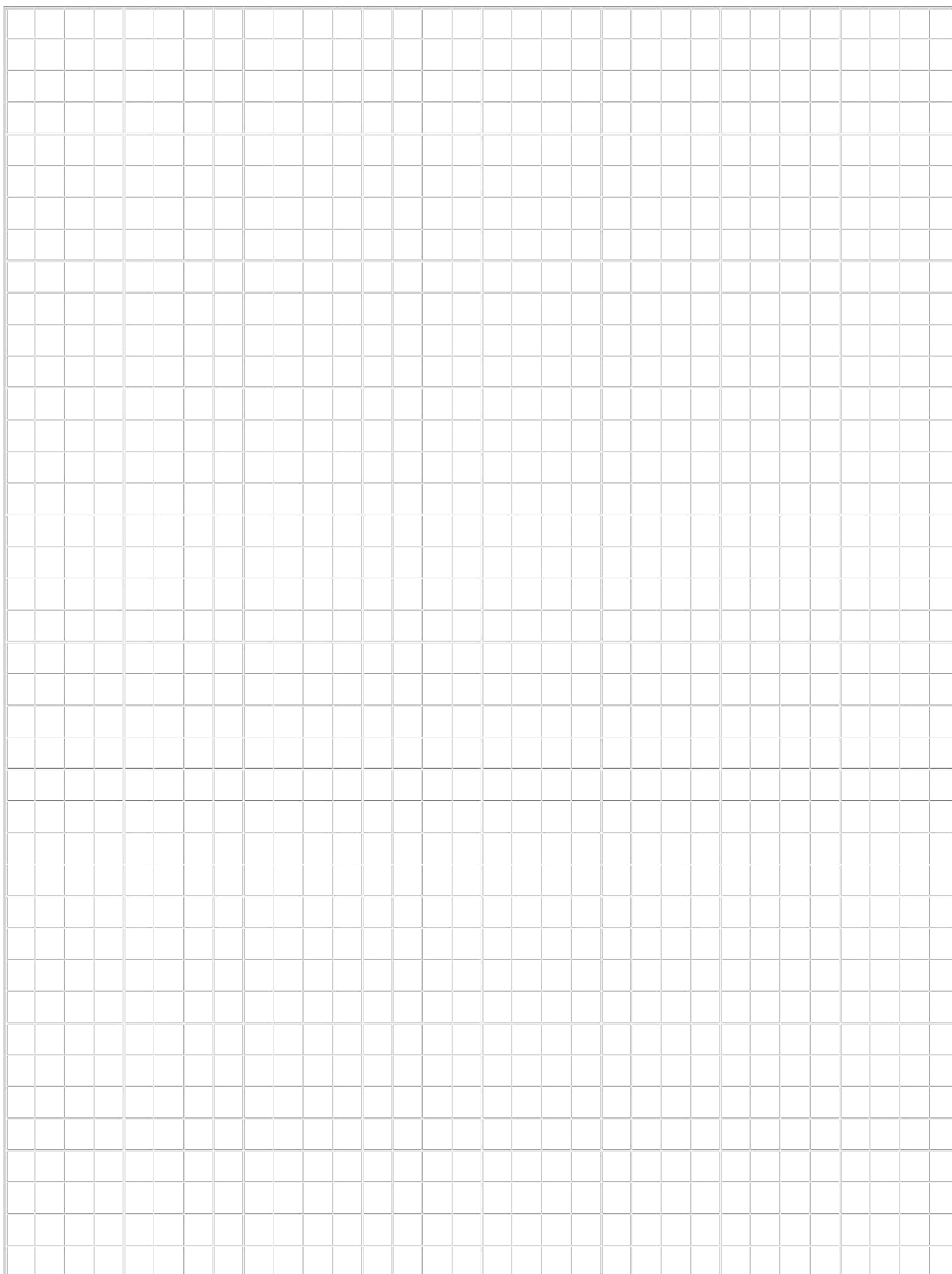
Software

DevCom2000, HART Communicator Software, Windows

Windows software used to perform complete HART device configurations using your Windows Desktop, Laptop, or Tablet PC.

Features:

- Comes with ALL the latest registered Device Descriptors (DD's from theFieldComm Group (FCG)
- Complete access to all features of the device DD including Methods
- Monitor PV, Multi-variables, and Device Status
- View and edit device Variables
- Windows Explorer menu layout
- Device menu structure easy to navigate
- Get to the information you want quickly
- Communication and Event Logs
- Save device configurations as text and PDF files for documenting the device
- Write saved device configurations to devices (device clone)
- Perform Calibration Checks
- Save calibration and device configuration data to the cloud
- Trend process variables as well as any other parameter associated with the device
- Complies with the Enhanced DDL standard (IEC 61804-3)
- Supports HART 5, 6, 7, *Wireless*HART devices, and HART-IP
- No tag limits!
- 1 Year of free DD library and program updates
- 1 Year warranty





Product Service Qualified Certificate

ISO 9001:2015

ISO 14001:2015

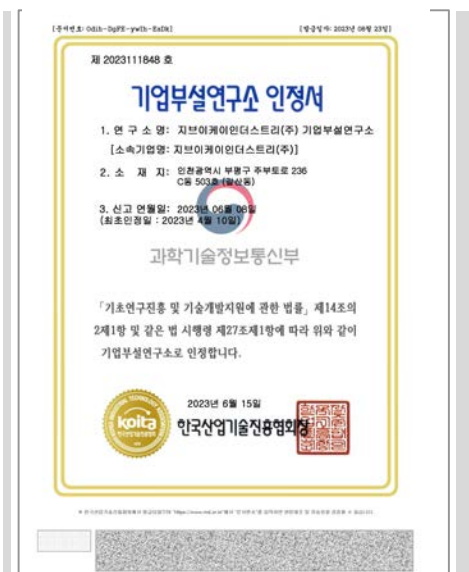
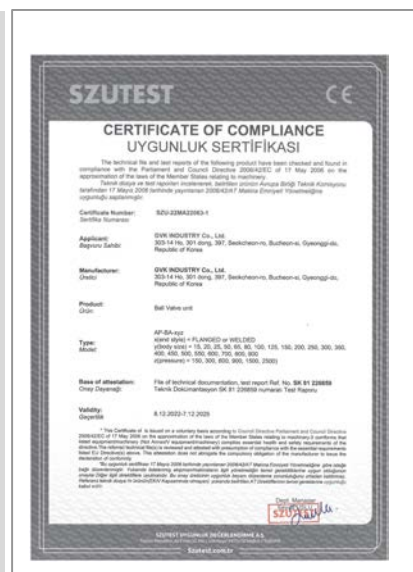
ISO 45001:2018



CE: Globe Control Valve

CE : Ball Valve

Research Institute



ASME U, PP Stemp

EAC : RUSSIA TRCU

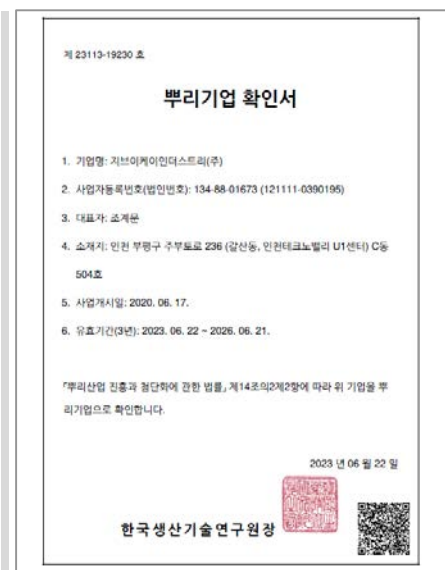
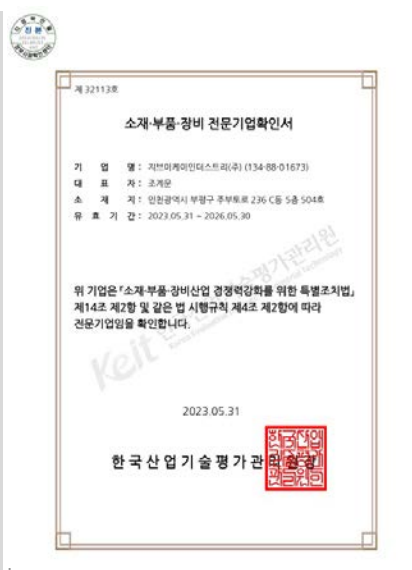
API 6D / 600 By KSM



Venture company

Material · Part · Equipment

Rooting Enterprise





GVK

Hart Communicator

Total Engineering Solution Service

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