![azbil]

Field Communication Software

Configuration Tool for Smart Field Devices

1   **Supports HART® and SFN communication protocols**

2   **Ease-of-use increases fieldwork efficiency**

3   **Easy management of configured device parameters**

Azbil Corporation

Features

Supports HART and SFN communication protocols

When used with our smart HART modem model AZ-1SHM, model CFS100 supports both the HART and SFN communication protocols.
In both cases, connection with devices is simple to make with an alligator clip or "easy hook."

Smart HART Modem

Alligator clip

Easy hook

Ease-of-use increases fieldwork efficiency

The easy-to-use five-point check function increases efficiency during loop checks.

Easy management of configured parameters

- Parameter settings can be saved by Tag No.
- As needed, parameter settings can be exported as either a CSV file (text file) or as a PDF.

Please read "Terms and Conditions" from the following URL before ordering and use.
https://www.azbil.com/products/factory/order.html

HART® is a registered trademark of FieldComm Group.
Other product names, model numbers and company names may be trademarks of the respective company.

Supported models

	Communication Protocol		
	SFN	**DE**	**HART**
Advanced Transmitter Model GTX_ _	●	●	●
Advanced Transmitter SuperACE Model JT_9_ _S/W	●	●	●
ST3000 Smart Transmitter Model JT_9_ _A/B	●	●	●
ST3000 Smart Multivariable Flow Transmitter Model JTD720A	●	●	Not supported
Smart Pressure Transmitter Model PTG_ _ _	●	●	●
Advanced Temperature Transmitter Model ATT082	Not supported	Not supported	●
Advanced Temperature Transmitter Model ATT60/61/70/71	Ver. 3.5 or later	Ver. 3.5 or later	●
Steam Flowmeter Model MVC30/31/32/33A	●	Not supported	Not supported
Smart Displacement type Level Transmitter Model SLX1_ _	●	Not supported	Not supported
Immersion Type Liquid Level Transmitter Model JTL3_ _	●	Not supported	Not supported
Smart ESD Device 700 Series for Safety Instrumented Systems Model AVP77_/78_/79_	Not supported	Not supported	●
Smart Valve Positioner 700 Series Model AVP701/702	Not supported	Not supported	●
Smart Valve Positioner 200/300 Series Model AVP20_/30_	●	●	Ver. 3.9 or later
Smart Valve Positioner 300 Series HART+ Travel Transmission Model AVP307	Not supported	Not supported	●
Smart Valve Positioner for Rotary Valve Model SVX1_ _	●	●	Ver. 4.A or later
MagneW PLUS+ Electromagnetic Flowmeter Model MGG_ _ _	Ver. 6.0 or later	Ver. 6.0 or later	Ver. 5.0 or later
MagneW Two-wire PLUS+ Electromagnetic Flowmeter Model MTG_ _ _	Ver. 5.0 or later	Ver. 5.0 or later	●
In-line Multivariable Voltex Flow Meter Model AX22_ _	Not supported	Not supported	Ver.78.02 or later
Insetion Multivariable Voltex Flow Meter Model AX23_ _	Not supported	Not supported	Ver.78.02 or later
Natural Gas Calorimeter Model CVM400	Not supported	Not supported	●

Specifications

PC system

Software
OS: Windows10 Pro
                            Windows11 Pro
                            (32-bit or 64-bit, Japanese or English Edition)

Hardware
Free disk space: 500 MB mininum
USB ports: One, USB 2.0 or higher
CD-ROM drive: Needed for installation only

HART/SFN communication interface

Power (AZ-1SHM):   USB   Supplied via the USB port
                           Battery   AAA batteries(3) nickel-metal hydride (NiMH)
                                       batteries or alkaline batteries are recommended
Communication interface (AZ-1SHM and host):
                            USB 2.0
Communication interface (AZ-1SHM and field device):
                            2 mm banana plugs (with alligator clips and easy hook)
Environmental conditions:
                            Operating temperature range   -20 to +50 °C
                            Transport/storage temperature range   -20 to +60 °C
                            Operating humidity range   5 to 95 % RH
Note:For details, refer to the product specifications of AZ-1SHM.

[Notice]   Specifications are subject to change without notice.
No part of this publication may be reproduced or duplicated
without the prior written permission of Azbil Corporation.

Azbil Corporation
Advanced Automation Company

1-12-2 Kawana, Fujisawa
Kanagawa 251-8522 Japan

URL: https://www.azbil.com

1st Edition: Jan. 2011-AZ
5th Edition: Feb. 2023-AZ

CA2-CFS100F