



Product: [Industrial HiVision 8, 4096 Nodes](#)

Industrial HiVision version 8.5.00 and lower

Product Description

Industrial HiVision allows all managed switches from any SNMP-enabled device to be monitored, including those from Hirschmann. In addition, the MultiConfig function enables multiple network nodes to be configured quickly and consistently.

Technical Specifications

Product description

Type:	Industrial HiVision, 4096 Nodes
Name:	Industrial HiVision
Version + Nodes:	Full version - 4096 nodes.
Node extension:	To increase the amount of supervised nodes, licenses can be combined.
License:	License enables supervision of up to 4096 nodes (IP addresses).

Configuration features

Configuration functions:	Individual device configuration. Configuration of multiple devices simultaneously. Configuration of identical parameters across multiple device types simultaneously. Firmware update of multiple devices. HiFusion for integration of third-party devices. Scheduled device configuration back-up. Network Duplication.
--------------------------	--

Diagnostics features

Alarm and event actions:	Alarm and event logging. Alarm actions such as message window, email, Push notifications, SMS and start executable. Event forwarding to Syslog server. Audible alarm.
Event generation:	polling and SNMPv1 trap support
Modules and components:	MACH4000/1000/100, DRAGON, GREYHOUND, BOBCAT, MICE, PowerMICE, MSP, RSP, RS2, RED,EAGLE20, EAGLE30, EAGLE40, EES, EESX, RS20/30/40, RSR, RSB, MICE20/30, OCTOPUS, LION, GigaLION, OpenBAT, BAT Controller, BAT54 Access Point and Client, BAT300, BAT-C, BAT-C2, OWL 3G, OWL LTE, GECKO, SPIDER, Lion-P, HiSCOM series, Hirschmann IT series, any SNMP capable device, any ICMP (Ping) capable device.
Monitoring:	Graphical status representation for devices, links, power supplies, fans, and any other device sub-component. Status displays for third-party products. All statuses are configurable. Supports multiple topology windows and a network hierarchy view. User configurable event log. Customisable event actions. Reporting tool. Project setup wizard. Hierarchical supervision structure. Task scheduler. Interface to InfluxDB® time series database. Grafana® templates available for download.
Topology recognition:	Topology recognition is based on LLDP (Link Layer Discovery Protocol, IEEE802.1AB) and Learned Address Tables. Switches, routers, WLAN devices, unmanaged switches/hubs, and end devices are supported. Can also map networks behind a router. Path Availability Calculation.

Software

Operating system:	Windows 7 (64 Bit), Windows 10 Version 1803 (64 Bit), Windows 11 Version 22H2 (64 Bit), Windows Server 2019, Windows Server 2022, PC Linux:64 Bit: Kernel 3.10, libc 6 (approved for Debian and Red Hat); Debian 11/12, Red Hat 8/9
Browser:	Internet Explorer 4.0 or higher, Java runtime environment 1.5.0 is also installed

Hardware

Processor:	x86 compatible CPU, min. 1 GHz
Hard disk space:	2 GB free
RAM:	32 Bit: 2 GB minimum / 64 Bit: 4 GB minimum
Network:	Ethernet network with TCP/IP protocol stack. Supports multiple network cards.

SCADA /Process visualisation

ActiveX Control:	Graphical User Interface can be reused inside SCADA systems via an ActiveX control
OPC Server:	Map device and connection states as well as device properties. Can be used inside SCADA systems via the OPC Data Access 2.0/3.0 or OPC UA interface.

IIT.Protocols

Supported protocols:	HiDiscovery, ICMP (Ping), SNMPv1, SNMPv3, OPC DA 2.0/3.0, OPC UA
----------------------	--

Language Support

Manual and help texts:	Chinese, English, French, German, Italian, Spanish
Menus and dialogs:	Chinese, English, French, German, Greek, Indonesian, Italian, Japanese, Korean, Portuguese, Russian, Spanish

Scope of delivery and accessories

Scope of delivery:	License registration code or license registration code and DVD (dependent on variant selected)
--------------------	--

Further Instructions

Product Documentation:	https://www.doc.hirschmann.com
Certificates:	https://www.doc.hirschmann.com/certificates.html
Software Download:	https://hirschmann-support.belden.com/en-US/downloads

History

Update and Revision:	Revision Number: 0.113 Revision Date: 11-14-2024
----------------------	--

Variants

Part Number	Type
943 156-496	Industrial HiVision, 4096 Nodes
942 278-496	Industrial HiVision plus DVD, 4096 Nodes

© 2025 Belden, Inc

All Rights Reserved.

Although Belden makes every reasonable effort to ensure their accuracy at the time of this publication, information and specifications described here in are subject to error or omission and to change without notice, and the listing of such information and specifications does not ensure product availability.

Belden provides the information and specifications herein on an "ASIS" basis, with no representations or warranties, whether express, statutory or implied. In no event will Belden be liable for any damages (including consequential, indirect, incidental, special, punitive, or exemplary damages) whatsoever, even if Belden has been advised of the possibility of such damages, whether in an action under contract, negligence or any other theory, arising out of or in connection with the use, or inability to use, the information or specifications described herein.

All sales of Belden products are subject to Belden's standard terms and conditions of sale.

Belden believes this product to be in compliance with all applicable environmental programs as listed in the data sheet. The information provided is correct to the best of Belden's knowledge, information and belief at the date of its publication. This information is designed only as a general guide for the safe handling, storage, and any other operation of the product itself or the one that it becomes a part of. The Product Disclosure is not to be considered a warranty or quality specification. Regulatory information is for guidance purposes only. Product users are responsible for determining the applicability of legislation and regulations based on their individual usage of the product.