

Product information

Industrial HiVision - Industrial HiVision 7.1, 2048 Nodes

Industrial Ethernet:Network Management:Industrial HiVision:Industrial HiVision

<https://www.e-catalog.beldensolutions.com:443/link/57078-24455-24540-24541-461206/en/IHV-248F07.1/uistate>

Name	Industrial HiVision
	
	Network management software for monitoring of industrial networks with up to 2048 nodes (IP addresses).
Delivery informations	
Availability	available
Product description	
Description	Network management software for monitoring of industrial networks with up to 2048 nodes (IP addresses).
Type	Industrial HiVision 7.1, 2048 Nodes
Order No.	943 156-248
License	License enables supervision of up to 2048 nodes (IP addresses). Annual Maintenance Plan available.
Node extension	To increase the amount of supervised nodes, licenses can be combined.
Diagnostics	
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.
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. VLAN viewer. User configurable event log. Customisable event actions. Reporting tool. Project setup wizard. Hierarchical supervision structure. Task scheduler. Network Dashboard. Configuration Signature Check. Configuration File Compare. Remote diagnostics via HiMobile App (available for iOS, Android or Windows Phone operating systems).
Modules and components	MACH 4000/1000/100, GREYHOUND, MICE, PowerMICE, MSP, RSP, RS2, RED,EAGLE20, EAGLE30, EES, EESX, RS20/30/40, RSR, RSB, MICE20/30, OCTOPUS, LION, GigaLION, OpenBAT, BAT Controller, BAT54, BAT300, BAT450, BAT867, BAT-C, GECKO, SPIDER, OWL, Lion-P, any third-party SNMP capable device, any ICMP (Ping) capable device.
Event generation	Polling and SNMPv1 trap.
Alarm and event actions	Alarm and event logging. Alarm actions such as message window, email, SMS, push notification, and start executable. Event forwarding to Syslog server. Audible alarm.
SCADA /Process visualisation	
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.
ActiveX Control	Graphical User Interface can be reused inside SCADA systems via an ActiveX control
Protocols	
Supported protocols	HiDiscovery v1, ICMP (Ping), SNMPv1, SNMPv3, OPC DA, OPC UA
Configuration	
Configuration functions	Individual device configuration. Configuration of multiple devices simultaneously. Configuration of identical parameters across multiple device types simultaneously. Firmware update of multiple devices. Scheduled device configuration backup. HiFusion for integration of third-party devices.
Security	
Application Security	User management with multiple roles. Authentication via Active Directory or RADIUS. Audit Trail.
Network Security	Network infrastructure security status overview. Device security status warning. Password change for multiple devices simultaneously. Network security lockdown. Rogue device detection. IP/MAC address pair tracking.
Documentation	
Documentation	Device documentation, export of maps and lists, asset management
Language Support	
Menus and dialogs	Chinese, English, French, German, Greek, Indonesian, Italian, Japanese, Korean, Portuguese, Russian, Spanish
Manual and help texts	Chinese, English, French, German, Italian, Spanish
Software requirements	
Operating system	Windows 7 64 bit, Windows 8.1 64 bit, Windows 10 64 bit, Windows Server 2008 64 bit (with limitations), Windows Server 2012 64 bit (with limitations), PC Linux 64 bit: Kernel 3.10, libc 2.4 (approved for Debian 8 and Red Hat 7.2)
Browser	Internet Explorer 4.0 or higher, Java runtime environment 1.5.0 is also installed
Hardware requirements	
Processor	x86 compatible CPU, min. 1 GHz

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RAM	4 GB minimum
Hard disk space	2 GB free
Network	Ethernet network with TCP/IP protocol stack. Supports multiple network cards.
Scope of delivery and accessories	
Scope of delivery	Printed Registration Code and instructions.
Product variants	
Version + Nodes	Full version - 2048 nodes.

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