




## Product information Industrial HiVision - Industrial HiVision 7.1, 1024 Nodes

Industrial Ethernet:Network Management:Industrial HiVision:Industrial HiVision

<https://www.e-catalog.beldensolutions.com:443/link/57078-24455-24540-24541-461206/en/IHV-124F07.1/ui/state>

<b>Name</b>	Industrial HiVision
	
	Network management software for monitoring of industrial networks with up to 1024 nodes (IP addresses).
<b>Delivery informations</b>	
<b>Availability</b>	available
<b>Product description</b>	
<b>Description</b>	Network management software for monitoring of industrial networks with up to 1024 nodes (IP addresses).
<b>Type</b>	Industrial HiVision 7.1, 1024 Nodes
<b>Order No.</b>	943 156-124
<b>License</b>	License enables supervision of up to 1024 nodes (IP addresses). Annual Maintenance Plan available.
<b>Node extension</b>	To increase the amount of supervised nodes, licenses can be combined.
<b>Diagnostics</b>	
<b>Topology recognition</b>	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.
<b>Monitoring</b>	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).
<b>Modules and components</b>	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.
<b>Event generation</b>	Polling and SNMPv1 trap.
<b>Alarm and event actions</b>	Alarm and event logging. Alarm actions such as message window, email, SMS, push notification, and start executable. Event forwarding to Syslog server. Audible alarm.
<b>SCADA /Process visualisation</b>	
<b>OPC Server</b>	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.
<b>ActiveX Control</b>	Graphical User Interface can be reused inside SCADA systems via an ActiveX control
<b>Protocols</b>	
<b>Supported protocols</b>	HiDiscovery v1, ICMP (Ping), SNMPv1, SNMPv3, OPC DA, OPC UA
<b>Configuration</b>	
<b>Configuration functions</b>	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.
<b>Security</b>	
<b>Application Security</b>	User management with multiple roles. Authentication via Active Directory or RADIUS. Audit Trail.
<b>Network Security</b>	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.
<b>Documentation</b>	
<b>Documentation</b>	Device documentation, export of maps and lists, asset management
<b>Language Support</b>	
<b>Menus and dialogs</b>	Chinese, English, French, German, Greek, Indonesian, Italian, Japanese, Korean, Portuguese, Russian, Spanish
<b>Manual and help texts</b>	Chinese, English, French, German, Italian, Spanish
<b>Software requirements</b>	
<b>Operating system</b>	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)
<b>Browser</b>	Internet Explorer 4.0 or higher, Java runtime environment 1.5.0 is also installed
<b>Hardware requirements</b>	
<b>Processor</b>	x86 compatible CPU, min. 1 GHz



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<b>RAM</b>	4 GB minimum
<b>Hard disk space</b>	2 GB free
<b>Network</b>	Ethernet network with TCP/IP protocol stack. Supports multiple network cards.
<b>Scope of delivery and accessories</b>	
<b>Scope of delivery</b>	Printed Registration Code and instructions.
<b>Product variants</b>	
<b>Version + Nodes</b>	Full version - 1024 nodes.

For more information please contact:

**Hirschmann Automation and Control GmbH**

Stuttgarter Strasse 45-51

72654 Neckartenzlingen

Germany

Phone: +49 7127/14-1809

E-Mail: [inet-sales@belden.com](mailto:inet-sales@belden.com)

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