



**Product:** EESX30-0802UHIHSE2EXX.X.XX

**Configurator:** EESX - Embedded Ethernet Switch configurator

### Configurator Description

These embedded Ethernet switches, automation devices can now be quickly and reliably equipped with state-of-the-art Gigabit switch technology, allowing manufacturers to offer customers additional network functions and ultimately gain a competitive advantage.

### Technical Specifications

#### Product description

Description	Managed Embedded Ethernet Switch according to IEEE 802.3, store-and-forward-switching
Software Version	HiOS 07.1.06
Port type and quantity	8 x 10/100 MBit/s + 2 x 10/100/1000 MBit/s ports

#### Product Life Cycle

Availability	passiv
Discontinuation Announcement Date	2023-07-03
Last Order Date	2023-12-31
Last Delivery Date	2024-06-30
Last Service Date	2029-06-30

#### Network size - cascability

Line - / star topology	any
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#### Power requirements

Operating Voltage	+3,3 V +/- 5%
Power consumption	7 W

#### Software

Switching	Independent VLAN Learning, Fast Aging, Static Unicast/Multicast Address Entries, QoS / Port Prioritization (802.1D/p), TOS/DSCP Prioritization, Interface Trust Mode, CoS Queue Management, Flow Control (802.3X), Egress Interface Shaping, Ingress Storm Protection, VLAN (802.1Q), VLAN Unaware Mode, IGMP Snooping/Querier per VLAN (v1/v2/v3), Unknown Multicast Filtering, Multiple VLAN Registration Protocol (MVRP), Multiple MAC Registration Protocol (MMRP), Multiple Registration Protocol (MRP)
Redundancy	Link Aggregation with LACP, Link Backup, Media Redundancy Protocol (MRP) (IEC62439-2), RSTP 802.1D-2004 (IEC62439-1), RSTP Guards
Management	Dual Software Image Support, TFTP, SFTP, SCP, LLDP (802.1AB), SSHv2, V.24, HTTP, HTTPS, Traps, SNMP v1/v2/v3, Telnet
Diagnostics	Management Address Conflict Detection, Signal Contact, Device Status Indication, TCPEDump, LEDs, Syslog, Persistent Logging on ACA, Port Monitoring with Auto-Disable, Link Flap Detection, Overload Detection, Duplex Mismatch Detection, Link Speed and Duplex Monitoring, RMON (1,2,3,9), Port Mirroring 1:1, Port Mirroring 8:1, Port Mirroring N:1, System Information, Self-Tests on Cold Start, Copper Cable Test, SFP Management, Configuration Check Dialog, Switch Dump, Snapshot Configuration Feature, Port Mirroring N:2
Configuration	Automatic Configuration Undo (roll-back), Configuration Fingerprint, Text-based Configuration File (XML), BOOTP/DHCP Client with Auto-Configuration, AutoConfiguration Adapter ACA31 (SD card), HiDiscovery, DHCP Relay with Option 82, Command Line Interface (CLI), CLI Scripting, Full-featured MIB Support, Web-based Management, Context-sensitive Help
Security	MAC-based Port Security, Port-based Access Control with 802.1X, Guest/unauthenticated VLAN, Integrated Authentication Server (IAS), RADIUS VLAN Assignment, Denial-of-Service Prevention, VLAN-based ACL, Ingress VLAN-based ACL, Basic ACL, Access to Management restricted by VLAN, Device Security Indication, Audit Trail, CLI Logging, HTTPS Certificate Management, Restricted Management Access, Appropriate Use Banner, Configurable Password Policy, Configurable Number of Login Attempts, SNMP Logging, Multiple Privilege Levels, Local User Management, Remote Authentication via RADIUS, User Account Locking, Password change on first login
Time synchronisation	Buffered Real Time Clock, SNTP Client, SNTP Server
Industrial Profiles	IEC61850 Protocol (MMS Server, Switch Model), ModbusTCP
Miscellaneous	Manual Cable Crossing, Port Power Down

#### Mechanical construction

Dimensions (WxHxD)	102 mm x 69 mm x 8 mm
Weight	42 g

## Reliability

Guarantee	60 months (please refer to the terms of guarantee for detailed information)
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## Scope of delivery and accessories

Accessories	EESX30-0802 development kit – Order-No. 942 099-001
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## Further Instructions

Product Documentation	<a href="https://www.doc.hirschmann.com">https://www.doc.hirschmann.com</a>
Certificates	<a href="https://www.doc.hirschmann.com/certificates">https://www.doc.hirschmann.com/certificates</a>

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