# 10 Port Switches



Aginode managed Industrial Ethernet iGigaSwitch 10xx E+ HW5 series is part of the LANactive Industry product portfolio and designed for installing a robust and reliable networks in harsh environments. The LANactive Industry iGigaSwitch 10xx series is designed to provide a maximum of network availability, security and longest lifetime in harsh environments. The iGigaSwitch 10xx series provides great flexibility in network design - it has 10x Gigabit ports including 2, 4 or 8 SFP ports. The iGigaSwitch is designed for DIN-Rail mounting and comes with redundant input for powering.

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**I/O interfaces**

The integrated I/O interface of the iGigaSwitch 10xx series allow a fast, simple and low-cost integration of non-IP based devices directly e.g. different sensors, control-lers, buttons etc. The switches are offering extensive management functionalities with interactions, sending of messages as well as the activation of alarms.

**Power over Ethernet (PoE/PoE+/PoE++)**

Up to 8x connected Ethernet devices can be supplied with Power over Ethernet. Ac-cording to the latest IEEE 802.3at (PoE+) standard, up to 30 watts per port are availa-ble for each connected device, with total budget of 240 watts. The latest generation of the iGigaSwitch 1004 E+ SFP-4VI HW5 provides PoE++ according to IEEE 802.3bt, with 90W per port and a total budget of 540W per switch.

**IEC 61850**

Aginode iGigaSwitch family complies to IEC 61850 requirements (parts 6, 7-1, 7-2, 7-3, 7-4, 8-1, 9-1 and 9-2 Communication networks and systems for power utility auto-mation). This functionality is critical for Smart grid and allows to use standardized equipment to ensure correct and reliable communication of all networked devices of Smart grid

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infrastructure (including switches, PLCs, different controllers, sensors etc.) with each other and with central SCADA.
The compliance is tested and confirmed by KEMA/DNV-GL.

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## Product list

| | Aginode ref. | Country ref. | Name |
|---|---|---|---|
| | 88306424 | - | iGigaSwitch 1004 E+ SFP-4VI HW5 |
| | 88306422 | - | iGigaSwitch 1002 E+ SFP-2VI HW5 |
| | 88306428 | - | iGigaSwitch 1008 E+ SFP-8VI HW5 |

= Make to order, = In Stock

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