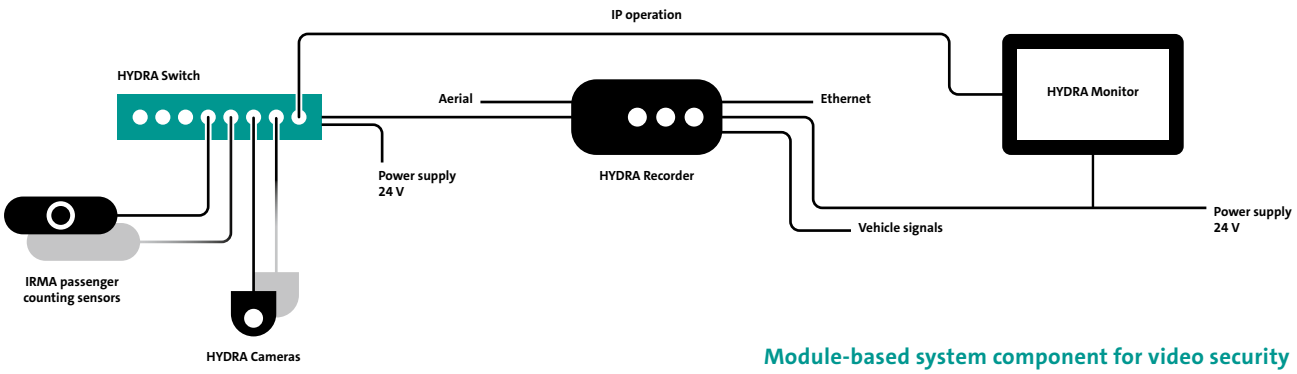
EN

HYDRA Switch 2

Unmanaged PoE Ethernet switch

KEY FEATURES

- 10 ports
- 100 W PoE power output
- Quick and easy installation and mounting system
- Protection class: IP52 according to IEC EN 60529
- Network connection for IP devices: PoE-enabled IP cameras and passenger counting sensors



Module-based system component for video security

ITEM NUMBERS

VPV300094 ESW2828
VPV300124 ESW2828 GE

TECHNICAL DATA

Technology

Standards:
- IEEE 802.3 for 10BaseT
- IEEE 802.3 for 100BaseT (X)
- IEEE 802.1Q forwarding tagged VLAN packets, auto-negotiation
- IEEE 802.3af/IEEE 802.3at (PoE interfaces)

- Processing type: Store and forward
- Flow control: IEEE802.3x flow control, back pressure flow control

Ports:
- Auto MDIX auto-crossing, store & forward, non-blocking
- MAC table 2048 entries
- IPv4 / IPv6
- Auto polarity

Interfaces

- 1 × power supply M12 (pin contacts) T-coded, including state contact
- 8 × Ethernet 10/100 MBit/s M12 (socket contacts) D-coded, with PoE function
- 1 × M6 earthing bolt
- VPV300094: 2 × Ethernet 10/100 MBit/s (M12, D-coded)
- VPV300124: 2 × Ethernet 10/1000 MBit/s (M12, X-coded)

Signalling

- 1 × Power LED
- 1 × Status LED
- 10 × Port LED (speed, link activity)
- 8 × Port LED for the PoE Status

Power supply

- 15 to 32 V_{DC} (up to 100 W), 9 to 32 V_{DC} (up to 50 W)
- Reverse polarity and overvoltage protection

Special performance features

Switch-on current delay and limitation

Power consumption

max. 120 W with PoE consumers, efficiency at 100 W: approx. 90%

Housing

- Robust aluminium housing
- Dimensions: 253.5 × 45.5 × 67 mm (W × H × D)
- Weight: approx. 630 g

Accessories

- Mounting plate: MP1820 (including locking mechanism)
- Adapter: Power supply 24 V_{DC} (ESW282x)

Ambient conditions

- Operating temperature: -40 °C to +85 °C (EN50155 TX)
- Storage temperature: -40 °C to +85 °C
- Humidity: 95% (non-condensing)
- Protection class: IP52 according to IEC EN 60529

Conformity & certifications

2014/30/EU (EMC), EN 50121-3-2, AK EMV Regulation No. 06, EN 55022, EN 55024, UN/ECE-R 10 2011/65/EU + 2015/863/EU (RoHS), 1907/2006/EC (REACH) EN 50155, EN 61373, EN 60068-2-1, EN 60068-2-2, EN 60068-2-27, EN 60068-2-30, EN 45545-2, UN/ECE-R 118

iris-GmbH infrared & intelligent sensors
Schnellerstraße 1 – 5 | 12439 Berlin | Germany | + 49 30 58 58 14-0 | mail@iris-sensing.com