

# VI-3003-3103

PoE+ switch for PoE cascading

- PoE Powered Switch 60W/30W
- PoE 802.1af, 30W (at) and 60W
- 3 x 10/100/1000TX
- enlarged operation temperature



Being developed for tasks with high data volume, this video-optimized switch is especially suitable for example for video over IP and video streaming. By means of PoE IP-cameras can be supplied through a data cable. With its compact design and reduced number of ports, this switch is ideal for smaller units or as a distance unit in a larger network.

## Video network special features

### Video-friendly features

Extra high backplane performance for a smooth video transmission with all ports assigned. Support of Jumbo Frames up to 9600Bytes by 100MBit/s. MAC-address restriction ensures port security.

## Technical data

### General properties

|                       |  |
|-----------------------|--|
| supply voltage        | Power supply through PoE or directly on the device with 56VDC or 12VDC (without PoE)<br><br>For example power supply unit VI-1120, primary side 110-240VAC, secondary side 56VDC, 120W |
| power consumption     | 4W without PoE   |
| operating temperature | -10°C to +70°C   |
| dimensions            | VI-3103: 55 x 46 x 25mm (Length x Width x Height)<br>VI-3003: 106 x 46 x 25mm (Length x Width x Height)  |



## interfaces

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### copper ports

#### VI-3103:

- 1 x 10/100TX with PoE+OUT (30W)
- 1 x 10/100TX with PoE+OUT (30W)
- 1 x 10/100TX with PoE+IN (30W)

#### VI-3003:

- 1 x 10/100/1000TX with PoE++OUT (60W)
- 1 x 10/100/1000TX with PoE+OUT (30W)
- 1 x 10/100/1000TX with PoE++IN (60W)

PoE OUT means that the switch is a PSE (Power Sourcing Device) and supplies for example a camera.

PoE IN means that the switch is a PD (Powered Device) und is bein supplied by a PoE.

## network properties

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### standards

IEEE 802.3 10Base-T

IEEE 802.3u 100Base-TX/100BASE-FX

IEEE 802.3ab Gigabit 1000T

IEEE 802.3x Flow Control and Back pressure

IEEE 802.1p Class of service

IEEE 802.1Q VLAN Tagging

IEEE 802.3af/at Power over Ethernet

## Product variants

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**VI-3103**

3 x 10/100TX max PoE+ (30W)



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**VI-3003**

3 x 10/100/1000TX max. PoE++ (60W)

*Version 16.11.2018, Changes without notice*