

## VI-3003W

Weather protected PoE+ switch for PoE cascading

- IP-67, weather protected
- PoE Powered Switch 60W/30W
- PoE 802.1af, 30W (at) and 60W
- 3 x 10/100/1000TX
- Enlarged range of temperature



This switch, optimized for video, was developed especially for outdoor applications with high data loads, e.g. Video over IP, Video streaming. Due to the IP-67 protected housing including connections, the switch can also be mounted outdoors without separate weather protection. The switch can also be powered directly via PoE, thus no local electrical supply is needed. The VI-3003W also outputs PoE. This in turn allows IP cameras to be powered via the data cables. The compact design and the reduced number of ports make this switch ideal for smaller systems or as a remote unit in a larger network.

### Video network special features

#### Further video-friendly features

Extra high backplane performance for a smooth video transmission with full port occupancy. Jumbo frames up to 9600Bytes are also supported at 100MBit/s.

### Technical data

#### General properties

supply voltage	Speisung über PoE oder direkt am Gerät mit 56VDC oder 12VDC (ohne PoE) Zum Beispiel Netzteil VI-1120, Primärseitig 110-240VAC, Sekundärseitig 56VDC, 120W
power consumption	4W ohne PoE
operating temperature	-10°C bis +70°C
dimensions	70mm x 46mm x 22mm (LxBxH)
weight	0,6kg



## interfaces

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### copper ports

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 the switch is a PSE (Power Sourcing Device) and feeds e.g. a camera.

PoE IN means the switch is a PD (Powered Device) and is powered by PoE.

The RJ45 connectors of the cables to be connected must be assembled in the field. The space available for this is limited. We recommend the modular connectors, RJ45 plugs from AMP. E.g. available from Farnell. See picture at the bottom of this data sheet.

## network properties

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### PoE Management

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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-3103W

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



AMP RJ45 connector



*Version 25.06.2020, Changes without notice*