



DVS-005100



DVS-016W01



DVS-G406W01-2GF



DVS-110W02-3SFP

DVS series - Unmanaged Industrial Ethernet switches

DVS series industrial 5, 8 and 16-port Ethernet switches support IEEE 802.3/802.3u/802.3x with 10/100M, full/half-duplex, MDI/MDIX auto-sensing RJ45 ports. Specifically designed for harsh and hazardous industrial environments.

- RJ45 connector: 10/100Base-T, auto MDI/MDI-X, auto negotiation
- Std compliance: IEEE 802.3 10Base-T, 802.3u 100Base-T(X) and 100Base-FX, 802.3x flow control
- Housing: industrial DIN-rail mounting, IP40 aluminium metal case

| type | No. Ports | operating temperature | alarm contact | fibre type | description |
|------|-----------|-----------------------|---------------|------------|-------------|
|------|-----------|-----------------------|---------------|------------|-------------|

Entry level Ethernet switches (H) 145.3 x (W) 45 x (D) 108.7 mm

- Input voltage: 12 to 48 VDC
- Dimensions: **DVS-G...** - (H) 110x (W) 28 x (D) 75 mm

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|----------------------|---|--------------|-----|---|---------------------------------|
| DVS-G005I00C* | 5 | -20 to +70°C | – | – | compact Gigabit Ethernet switch |
| DVS-005I00 | 5 | -10 to +60°C | – | – | entry level Ethernet switch |
| DVS-008I00 | 8 | -10 to +60°C | – | – | entry level Ethernet switch |
| DVS-005W01* | 5 | -40 to +75°C | yes | – | standard Ethernet switch |

* Redundant dual inputs.

Standard Ethernet switches (H) 145.3 x (W) 75 x (D) 108.7 mm

- Supports IEEE 802.1p based QoS for packet forwarding precedence
- Input Voltage: 2 sets, 12 to 48 VDC redundant terminal block input

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|-------------------|----|--------------|-----|---|--------------------------|
| DVS-008W01 | 8 | -40 to +75°C | yes | – | standard Ethernet switch |
| DVS-016W01 | 16 | -40 to +75°C | yes | – | standard Ethernet switch |

Fibre series Ethernet switches

- Fibre Optic Ports: 1 100Base-FX (SC connector) MultiMode – 5 km

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|------------------------|----|--------------|-----|--------|---------------------------------|
| DVS-008W01-MC01 | 8 | -40 to +75°C | yes | 1 x SC | Ethernet switch with fibre port |
| DVS-016W01-MC01 | 16 | -40 to +75°C | yes | 1 x SC | Ethernet switch with fibre port |

- Fibre Optic Ports: 1 100Base-FX (SC connector) SingleMode – 30 km

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|------------------------|----|--------------|-----|--------|---------------------------------|
| DVS-008W01-SC01 | 8 | -40 to +75°C | yes | 1 x SC | Ethernet switch with fibre port |
| DVS-016W01-SC01 | 16 | -40 to +75°C | yes | 1 x SC | Ethernet switch with fibre port |

Gigabit Ethernet switches (H) 145.3 x (W) 45 x (D) 108.7 mm

- 10/100/1000Base-T, auto MDI/MDI-X, auto negotiation
- Input voltage: 12 to 48 VDC (1 set)
- 10Gbps, Wired speed

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|---------------------|---|--------------|---|---|-------------------------|
| DVS-G005I00A | 5 | -40 to +75°C | – | – | Gigabit Ethernet switch |
| DVS-G008I00A | 8 | -40 to +75°C | – | – | Gigabit Ethernet switch |

PoE Gigabit Ethernet switches (H) 144.3 x (W) 26.1 x (D) 94.9 mm

- 10/100/1000Base-T PoE(PSE) ports. 2 x 100/1000Base-SFP (only DVS-G406W01-2-GF)
- Based on IEEE 802.3at standard up to 30Watts per port. Backward compatible with IEEE 802.3af
- 48 to 57 VDC redundant terminal block power input

| | | | | | |
|------------------------|---|--------------|-----|---------|-----------------------------|
| DVS-G406W01-2GF | 6 | -40 to +70°C | yes | 2 x SFP | PoE Gigabit Ethernet switch |
| DVS-G408W01 | 8 | -40 to +70°C | yes | – | PoE Gigabit Ethernet switch |

Managed Ethernet switches (H) 145.3 x (W) 75 x (D) 109 mm

High-end Layer 2 management, redundant self-healing ring and a wide-operating temperature.

- Supports EtherNet/IP and MODBUS TCP protocols for remote management by SCADA etc.
- IEEE 802.1X, TACACS+, SSH, HTTPS and SNMP v3 for enhanced network security
- Compatible with most industrial protocols, including EtherNet/IP, Profinet, EtherCAT, CC-LINK IE, DNP 3.0
- RJ45 ports: 10/100/1000Base-T, auto MDI/MDI-X, auto negotiation
- SFP Ports: 100/1000Base-SFP (2x DVP108, 3x DVP110)

| | | | | | |
|------------------------|---|--------------|-----|---------|-------------------------|
| DVS-108W02-2SFP | 6 | -40 to +75°C | yes | 2 x SFP | managed Ethernet switch |
| DVS-110W02-3SFP | 7 | -40 to +75°C | yes | 3 x SFP | managed Ethernet switch |

1-port Gigabit Ethernet SFP fibre transceiver

| type | operating temperature | interface | | |
|-----------------------|-----------------------|------------|-------------|--------------------|
| | | connectors | fibre type | max. link distance |
| LCP-1250A4FDRJ | -5°C to 70°C | duplex LC | multi mode | 550 m |
| LCP-1250B4QDRJ | -5°C to 70°C | duplex LC | single mode | 10 km |