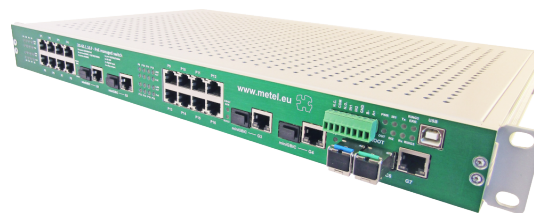


### 2G-6S.1.16.F

- 4x COMBO port (SFP/RJ45)
- 2x SFP slot with 100/1000BASE-X support
- 1x Gigabit ethernet port
- 16x Fast ethernet port with PoE
- Serial bus 1xRS485 / Modbus
- 2x digital/alarm input
- 1x programmable relay output
- 3 independent power inputs
- External power source with a power of 280W
- Redundant topology LAN-RING, RSTP
- Event management with support for:  
HTTP/ONVIF client, E-mail, IP Watchdogs, ETH events, TCP, Modbus, DIO, balanced loops...
- VLAN, QoS, SNMP, SMTP, SNTP, IGMP, RSTP(-M), LLDP, 802.1X
- Fine surge protection on all ports
- Operating temperature from –30°C to +60°C
- Passive cooling



Industrial managed PoE switches LAN-RING equipped with Ethernet ports, gigabit port, COMBO ports, SFP slots and in addition RS485 bus, digital / alarm inputs and relay output. Event management, which is part of advanced management, makes these switches an ideal solution for applications with high demands on security and flexibility of the equipment used. The switches support redundant MESH / KRUH topologies with up to 30ms link recovery. Thanks to the highly resilient hardware, the switches can be deployed in a wide operating temperature range of -30 to 60°C with a maximum PoE power of 240W. The large number of PoE ports makes the switches suitable for use in buildings and locations with a large number of cameras.

### Available models

Order name	Order code
2G-6S.1.16.F-UNIT/1U	1-860-426



## Technical parameters

SFP SLOT	
Count	2
RS485	
Count	1
SFP SLOT	
Supported formats	100/1000 BASE-LX, BASE-BX
RS485	
Speed	max. 115200 bps
Surge protection	30 A waveform 8/20 µs
MANAGEMENT	
Application	SIMULand.v4
COMBO PORT	
Count	4
FAST ETHERNET	
Count	16
Supported formats	10BaseT, 100BaseTx
MANAGEMENT	
SNMPv3	Encrypted
COMBO PORT	
SFP slot	100/1000 BASE-LX, BASE-BX
FAST ETHERNET	
Surge protection	30 A waveform 8/20 µs
COMBO PORT	
RJ45	10/100/1000 BASE-T
FAST ETHERNET	
Connector	RJ45
GIGABIT ETHERNET	
Count	1
Supported formats	10BaseT, 100BaseTx, 1000BaseTx
Surge protection	30 A waveform 8/20 µs



### GIGABIT ETHERNET

Connector	RJ45
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### DI/BI INPUT

Count	2
Digital mode	NC / NO
Alarm mode	Analog 0 - 30 kΩ for balanced loops

### RELAY OUTPUT

Count	1
Type of contact	Switching
Max. Load	62.5 VA (30 W) / 1 A / 60 V (resistive load)

### POWER 230 VAC

Count	1
Input voltage range	180 - 260 VAC
Connector	IEC 60320 C15

### POWER 10 - 60 VDC

Count	2
Input voltage range	10 - 60 VDC
Connector	WAGO 734-205
Power consumption	Max. 20 W without PoE
Surge protection	1500 W waveform 10/1000 μs

### PoE

Number of PoE ports	16
Max. power / port	15.4 W
Total PoE power consumption	Max. 250 W
Standard	IEEE 802.3af

### ENVIRONMENT

Operating temperature	-30...+60 °C
Storage temperature	-40...+70 °C
Humidity	Max. 95 %

### MECHANICAL

Weight	4.16 kg
Dimensions - h / w / d	1U x 483 x 300 mm

## Standards and protocols

Standard	Note
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## EMC and safety

Standard	Level	Note
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**METEL.EU**  
SECURITY & AUTOMATION

Short Catalog Sheet

## Notes

- The manufacturer reserves the right to change technical parameters without prior notice.

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