RS238-8GT

Industrial Ethernet switch with 8 Gigabit-level copper ports

- 8 Gigabit copper ports are provided
- The copper ports support 10/100/1000 Mbps self-adaptation; all ports support MDI/MDIX
- Applicable voltage range DC9~48V, dual redundant power supply
- EMC industrial rating level 4 electromagnetic compatibility standard
- Having IP40rated aluminum enclosure and strong shock-resistant rail base
- Applicable for operation at the ambient temperature of -40℃～85℃

CE FC

Product profile

RS238-8GT is an industrial switch with extended temperature ranges developed by Wintop Optical to fulfill needs in industries including smart traffic, expressways, smart cities, safe cities, new energy, smart manufacturing, and so on. The eight Gigabit copper ports provide a high packet forwarding rate and an ample back plane bandwidth, making the transmission of images clear and smooth.

Having an IP40 rated aluminum enclosure, a rail base designed to withstand severe vibration, and good EMC electromagnetic compatibility, this series of product is capable of working stably and reliably in extreme-temperature (-40°C to 85°C) and rugged industrial environments.

Product features

- 8 Gigabit fiber ports;
- Capable of working with full load under the temperature of -40 ~ 85 ˚C:

- The voltage ranges between DC9~48V, and dual redundant power supply is provided;
- IP40-rated protection, fan-free design, shock-resistant aluminum enclosure;

Product properties

Applicable standards
IEEE 802.3 10BaseT
IEEE 802.3u 100BaseT
IEEE 802.3ab 1000BaseT

Switching feature
Back plane bandwidth: 16 Gbps
List of MAC addresses: 2K

Port
Gigabit copper port: 10/100/1000 Mbps self-adaptive, Full/Half duplex mode, MDI/MDI-X supported.
LED indicator: PWR, L/A

Power source requirement
Input voltage: DC 9~48V (redundancy)
Full-load power consumption: 4W
Input current Maximum DC current, 400 mA

Physical properties
Enclosure: Aluminum enclosure, IP40-rated protection
Size: 142 x 116 x 51 mm
Weight: 780 g
Mounting method: Guide rail type

Environmental restrictions
Working temperature: -40 ~ 85°C (-40 ~ 185°F)
Storage temperature: -40 ~ 85°C (-40 ~ 185°F)
Relative ambient humidity: 5 ~ 95% (non-condensing)

Standards and certification
EMS:
IEC61000-4-2(ESD) level 4, IEC 61000-4-4 (EFT) level 4, IEC 61000-4-5(Surge) level 4
Anti-vibration performance: IEC 60068-2-6
Shock resistance: IEC 60068-2-27
Free fall: IEC 60068-2-32
Note: Please go to the official website of Wintop Optical for the latest certification status.
MTBF (mean time between failures)
Time: 500000 h

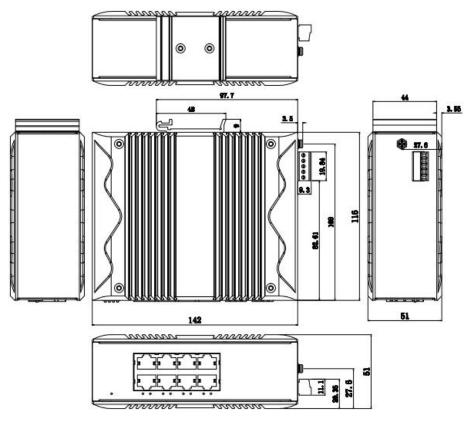### Warranty
Quality assurance: 5 years

Shenzhen Wintop Optical Technology Co., LTD.
11F~12F, Senhainuo Kechuang Building, Shilongzai Community, Shiyan Street, Baoan District, Shenzhen China
Tel: +86-755-26641737   Fax: +86-755-86555405
E-mail: sales@wintoptec.com   Http://www.wintoptec.com

Page 1 of 2
Rev 1.0
Issued Date: 2022-03-30

Product size (mm)

Order information

Optical model	Port type			
	10/100BaseT	10/100/1000BaseT	100BaseFX	
			Single mode	Multimode
RS238-8GT	–	8	–	

Parking list

- Ethernet switch
- Installation accessories
- User's Manual
- Warranty Card & Conformity Certificate

Shenzhen Wintop Optical Technology Co., LTD.
11F~12F, Senhainuo Kechuang Building,Shilongzai Community, Shiyan Street,Baoan District, Shenzhen China
Tel: +86-755-26641737   Fax: +86-755-86555405
E-mail: sales@wintoptec.com   Http://www.wintoptec.com

Page 2 of 2
Rev 1.0
Issued Date: 2022-03-30