IT-ES605-IM-2F-2D(RS-232)

5 ports Industrial Managed Ethernet Switch with 2 ports RS232

Features

1. Support 3 ports 10/100Mbps Ethernet and 2 ports 100M fiber port and 2 ports RS232.

2. SW-Ring™ (recovery time < 20 ms at full load).

3. Support 2 ports RS232 to Ethernet.

4. Support AT command.

5. Support alarm output.

6. Support WEB setting, east to management.

7. Accord to Industrial 4 grades.

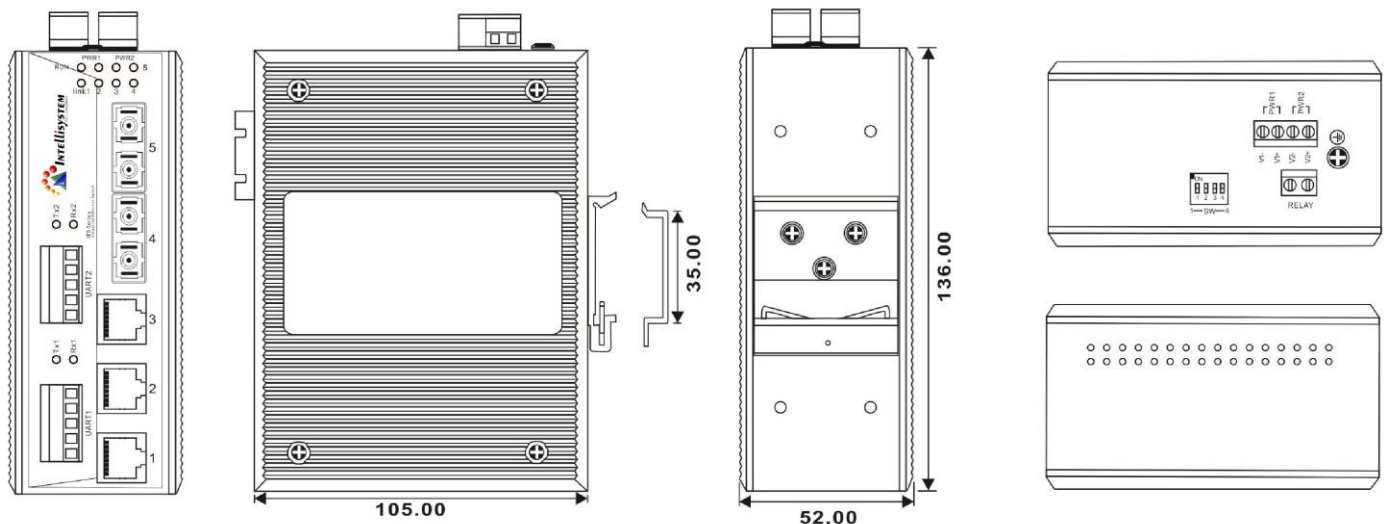8.IP30 protect grade, high strength iron shell, DIN Rail installation.

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Introduction

IT-ES605-IM-2F-2D(RS-232) Industrial Ethernet switches integrated serial device server function, it adopt SW-Ring™ redundant technology (Recovery time <20ms), users can set the redundant easily to increase network reliability, furthermore, IT-ES605-IM-2F-2D(RS-232) can support 2 ports RS232, AT command and alarm output. It adopted no fan, low power consumption design, IP30, corrugate high strength iron shell, the performance is more steadily. It accorded with CE, FCC standard and Industrial 4 grades, DIN rail installation and wide operating temperature (-40~75°C), it can satisfied some kinds of industrial environment, it can provide reliable and quickly solution for your Ethernet device.

Dimensions and appearance

Unit（mm）

Specifications

Technology	Interfaces
Standard:	Fiber port: 100Base-FX, SC/ST optional
IEEE802.3, IEEE802.3u, IEEE802.3x	Single-mode: 20, 40, 60, 80, 120Km
Flow control:	Multi-mode: 2Km
IEEE802.3x, back pressure control	Wavelength: 1310nm, 1550nm

Ethernet port: 10/100Base-TX, RJ45, full/half duplex and

MDI/MDI-X self-adaption

Alarm terminal block

2 bits 7.62mm terminal block，

1 relay alarm output,

Electric load capacity:1A@30VDC

RS-232: DB9 male

Exchange of attributes

Transmission: store and forward

Bandwidth: 12G

Memory: 1Mbits

MAC address: 2K

Indicators

Working: Run

Interface: Link1~5

Power supply: PWR1, PWR2

RS-232 data: TX, RX

Power supply

Power input: 24VDC（12～48VDC）

Terminal block: 3 bits 7.62mm terminal block

No-load power consumption: 2.4W@24VDC

Full-load power consumption: 2.7W@24VDC

Support redundant protection

Support over-current protection

Support reverse connection protection

Environmental

Operating Temperature: -40 to 75°C

Storage Temperature: -45°C to 85°C

Ambient Relative Humidity:

10 to 95% (non-condensing)

Mechanical

Shell: IP30, high strength iron shell.

Installation: DIN Rail

Weight: 900g

Dimensions (W×H×D): 136 mm×52mm×105mm

Standards

EMI: FCC Part 15, CISPR (EN55022) class A

EMS: EN61000-4-2 (ESD), Level 4

EN61000-4-3 (RS), Level 3

EN61000-4-4 (EFT), Level 4

EN61000-4-5 (Surge), Level 4

EN61000-4-6 (CS), Level 3

EN61000-4-8, Level 5

Shock: IEC 60068-2-27

Free fall: IEC 60068-2-32

Vibration: IEC 60068-2-6

Warranty

Warranty time: 5 years

Certifications

CE, FCC, RoHS, PAL, UL508 (pending)

Ordering informations

Option model	Port				Power
Standard model	100M Ethernet	100M fiber (SC/ST/FC)	Serial port		
		SM or MM	RS-232	RS-485/RS-422	
IT-ES605-IM-1F-2D(RS-485)	4	1	—	2	12~48VDC
IT-ES605-IM-1F-2D(RS-232)	4	1	2	—	
IT-ES605-IM-2F-2D(RS-232)	3	2	2	—	
IT-ES605-IM-2F-2D(RS-485)	3	2	—	2	
IT-ES605-IM-2D(RS-485)	5	—	—	2	
IT-ES605-IM-2D(RS-232)	5	—	2	—	