

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

5 ports Industrial Managed Ethernet Switch with 2 RS232 ports

## Features

1. Support 5 ports 10/100Mbps Ethernet 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 with Industrial 4 grades.
8. IP30 protect grade, high strength iron shell, DIN Rail installation.



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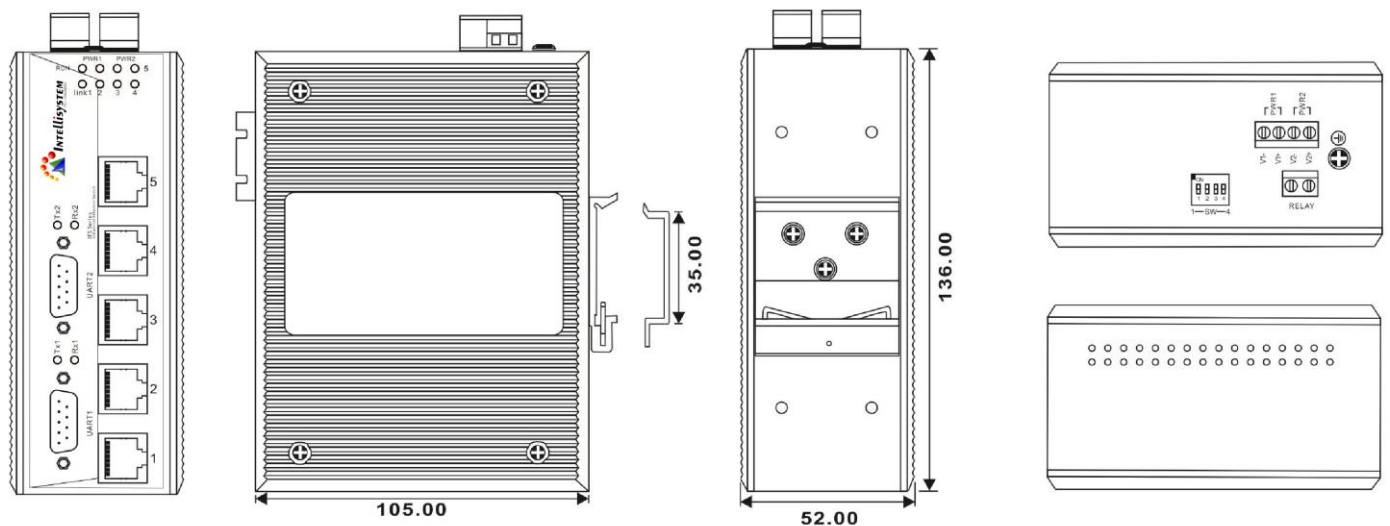
## Introduction

IT-ES605-IM-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-2D 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

Standard:

IEEE802.3, IEEE802.3u, IEEE802.3x.

Flow control:

IEEE802.3x, back pressure control.

### Interfaces

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

RS232: 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

RS232 data: TX, RX

### Power supply

Power input: 24VDC (12~48VDC)

Terminal block: 4 bits 7.62mm terminal block

No-load power consumption: 0.9W@24VDC

Full-load power consumption: 1.6W@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): 136mm×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		12~48VDC					
		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	—			12~48VDC			
IT-ES605-IM-2F-2D(RS-232)	3	2	2	—				12~48VDC		
IT-ES605-IM-2F-2D(RS-485)	3	2	—	2					12~48VDC	
IT-ES605-IM-2D(RS-485)	5	—	—	2						12~48VDC
IT-ES605-IM-2D(RS-232)	5	—	2	—	12~48VDC					