SICOM3171

5 Port Managed Traffic Serial Device Server

- 1 10/100Base-TX port, 4 RS232/422/485 serial ports
- Green Ethernet solution with low power consumption design
- Rear panel provides PCB Golden Finger for power connection
- IP40 protection class

Overview

SICOM3171 is an ultra low power consumption (less than 3.5Watts), Managed Traffic Ethernet Serial Device Server. This single slot serial server is designed to slide into an open Detector Chassis Slot of any signal cabinet. This Traffic Serial Server is widely deployed in SCADA and OSS networks around world. This proven ultra low power consumption serial server(Green Product-RoHS) features one 10/100Base-TX Ethernet port, and four serial ports being selectable for RS232, RS422 and RS485 serial connectivity. The SICOM3171 Managed Traffic Ethernet Serial Server is the second of a series of Traffic Ethernet Switches Series form Kyland and a continuation of our "Green Ethernet" product line.

Software Functions

Serial Port Function

Supports RS232/422/485 mode.
Supports flow control.
Support TCP/UDP protocols

Management & Maintenance

Supports Console, Telnet, and Web management methods.
Supports SNMPv1/v2c, Kyvision centralized management.
Supports software update over FTP.
Supports LLDP.

Network Security

Supports SSH

Clock Management

Supports SNTP client.

Product Specifications

Technical Specifications

Standard
▼ IEEE 802.3i (10Base-T)
▼ IEEE 802.3u (100Base-T)
▼ IEEE 802.3x (flow control)

Interface

Fast Ethernet ports	10/100Base-T(X), RJ45 port
Serial ports	RS232/RS485/RS422, RJ45 port

LED

LED on front panel
▼ Running LED: Run
▼ Power LED: PWR
▼ Port LED: Link/ACT

Button

Reset:System reset

Power Requirements

Power input	12-24VDC(9-36VDC),
Power terminal	PCB Golden Finger
Power consumption	<3.5W
Overload protection	Support
Reverse connection protection	Support
Redundancy protection	Not support

Physical Characteristics

Housing	Metal
Cooling	Natural cooling, fanless

Protection Class   IP40
Dimensions(WxHxD)
▼ 30mm×114mm×205mm(1.18×4.49×8.07 in.)
Weight   <0.35Kg (0.77pound)
Mounting
▼ Inserted into a rack through rail slots

Environmental Limits

Operating temperature   -40℃ to +85℃ (-40°F to 185°F)
Storage temperature   -40℃ to +85℃ (-40°F to 185°F)
Ambient Relative Humidity   5% - 95% (non-condensing)

Quality Assurance

MTBF   306,600 hrs
Warranty   5 years

Approvals

For the latest dynamics of the product, visit the website of Kyland.

Industry Standard

EMI
▼ FCC Part 15, Class A&B
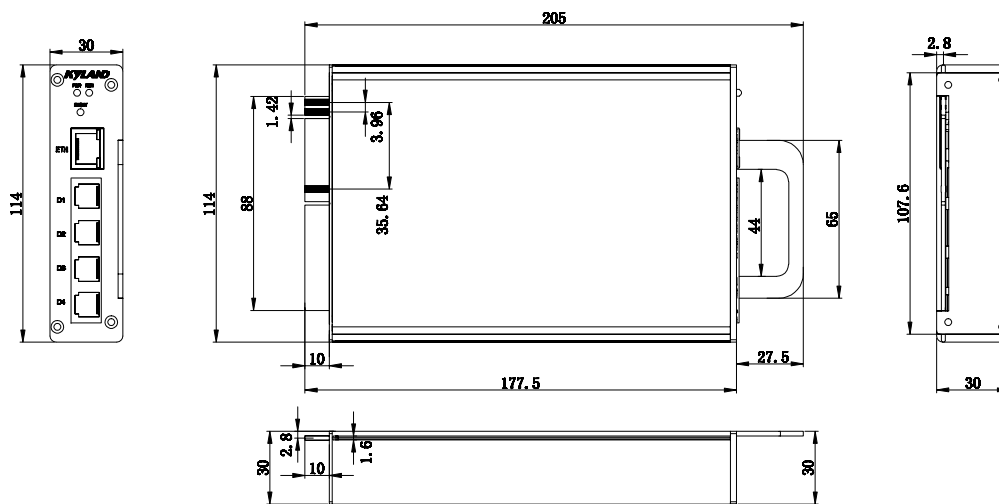EMS
▼ IEC61000-4-2(ESD) ±8kV(contact),±15kV(air)
▼ IEC61000-4-3(RS) 10V/m(80MHz-1GHz)
▼ IEC61000-4-4(EFT) Power Port:±4kV;Data Port:±2kV
▼ IEC61000-4-5(Surge) Power Port:±2kV/DM,±4kV/CM;Data Port:±2kV
▼ IEC61000-4-6(CS) 3V(10kHz-150kHz);10V(150kHz-80MHz)
▼ IEC61000-4-8(power frequency magnetic field) 100A/m(cont.),1000A/
   m(1s-3s)
▼ IEC61000-4-9(pulsed magnetic field) 1000A/m
▼ IEC61000-4-10(damped oscillation) 30A/m
▼ IEC61000-4-12(oscillatory wave) 2.5kV/CM,1kV/DM
▼ IEC61000-4-16(common mode conduction) 30V(cont.),300V(1s)
Machinery
IEC60068-2-6 (vibration),
 IEC60068-2-27 (shock),
IEC60068-2-32 (free fall)

》 Mechanical Drawing

》 Ordering Information

	SICOM3171-Ports-PS
Ports	
1T4D	1x10/100Base-T(X) RJ45 port; 4xRS232/485/422 serial port
PS	
L5	12-24VDC(9-36VDC)