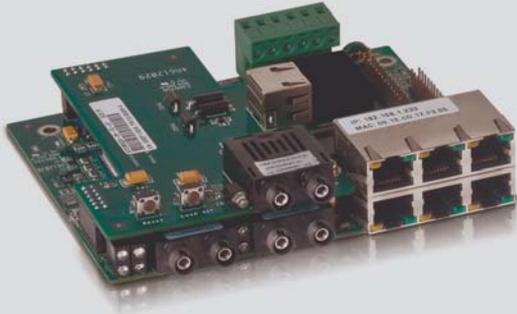


SICOM3009BA

9 Port Layer 2 Managed Switch



- 3 1000Base-x ports with SFP connectors, 6 10/100Base-T(x) ports with RJ45 connectors.
- Power dissipation less than 5.2w.
- Comply with IEC60079-11(GB3836.4) of explosive atmospheres.
- Dry contact for warning signal, support NO and NC.
- Support one key recovery
- With-out housing
- Embedded switch without housing



Overview

SICOM3016BA serial is designed for use in explosive atmospheres environment, low consumption, without housing. Comply with intrinsic safety, have advanced insulation performance, damp proofing, support fiber transmitting and forwarding, multiple redundant topology, remote monitoring, etc. Apply to explosive atmospheres, high dust, corrosive condition, such as coal mine, chemical factory, oil field and so on.

Software Functions

Redundancy

Support DT-Ring, DT-Ring+, recover time with in 50ms when a link failed.
Support STP/RSTP that meet 802.1d and 802.1w

Multicast

Support IGMP Snooping and static multicast.

Switching

Support VLAN, PVLAN
Support ports trunking, speed limit, broadcast storm suppression

Service Quality

Support SP, WRR queue scheduling

Network Management

Support CLI, Telnet, WEB manage.
Mib, Kyvision client, SNMPv1/v2/v3, RMON
Link Check, LLDP, STP, DHCP

Network Security

Support SSH, TACACS+

Equipment Maintenance

Support ports mirroring.
Update APP by FTP

Alarm Contact

Support power warning
Support port and ring block warning

Technical Specifications

Technical Parameter

Standard

- ▼ IEEE 802.3i,
- ▼ IEEE 802.3u,
- ▼ IEEE 802.3x,
- ▼ IEEE 802.1p,
- ▼ IEEE 802.1Q,
- ▼ IEEE 802.1w

Protocol

- ▼ DT-Ring, DT-Ring+, DT-VLAN, RSTP;
- ▼ IGMP snooping;
- ▼ VLAN, PVLAN, ARP, QoS;
- ▼ Telnet, HTTP, HTTPS, FTP;
- ▼ SNMPv1/v2/v3, RMON,
- ▼ LLDP, STP, DHCP server;
- ▼ SSH, TACACS+;

Switching

Queue Priority	4
Number of VLANs	256
VLAN ID	1 ~ 4093

Number of Multicast Groups	256
MAC Table Size	8K
Packet Buffer Size	1Mbit
Packet Forwarding Rate	5.4Mpps
Forwarding Delay	<10 μ s

Interface

- Fast Ethernet Ports
 ▼ 10/100Base-T(X)auto negotiation ,Connector type is RJ45
- Console Port
 ▼ Adopt RS232 protocol ,connector type is RJ45
- Alarming contactor
 ▼ Dry contact for warning signal,support NO and NC.
 ▼ 3 pin 5.08mm plugs, 0.5A at 125Vac,2Aat30Vdc

LED

- LED on Front Panel
 ▼ Non-housing version support LED interface for user,Dimensions refer to hardware manual

Button

- Reset:system reset
 Default: system recover default configuration

Power Requirements

Input Voltage	33-5.5VDC
Power Connector	▼ 6pin 5.08mm spacing plug-in terminal block
Power Consumption	<3.9W, 2.06W in idle
Overload Protection	Support
Inverse Protection	Support
Redundancy Protection	Support

Physical Characteristics

Dimension	130mm×35mm×107mm(W×H×D)
Weights	0.3kg
Installation	support location holes for users

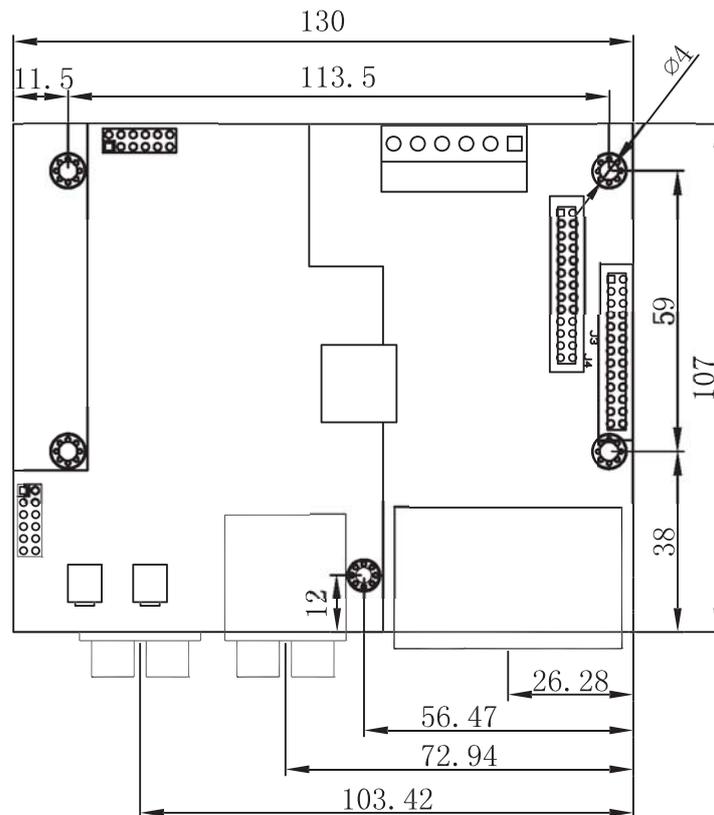
Environmental Limits

Operating Temperature	-40°C ~+75°C
Storage Temperature	-40°C ~+85°C
Relative Humidity	5-95%RH.

Warranty

MTBF	376,919 hrs
Warranty	5years

➤ Mechanical Drawing



Ordering Information

SICOM3009BA-EC-Ports-Connector-PS	
EC	Non-housing and Conformal Coating
Ports	
3S6T	3 100Base-FX single-mode fiber ports; 6 10/100Base-T(X) fast Ethernet ports
3M6T	3 100Base-FX multi-mode fiber ports; 6 10/100Base-T(X)fast Ethernet ports
2S6T	2 100Base-FX single-mode fiber ports; 6 10/100Base-T(X)fast Ethernet ports
2M6T	2 100Base-FX multi-mode fiber ports; 6 10/100Base-T(X)fast Ethernet ports
Connector 100M fiber port specifications	
SC05	SC connector, multi-mode, 1310nm, 5km
ST05	ST connector, multi-mode, 1310nm, 5km
FC05	FC connector, multi-mode, 1310nm, 5km
SC40	SC connector, single-mode, 1310nm, 40km
ST40	ST connector, single-mode, 1310nm, 40km
FC40	FC connector, single-mode, 1310nm, 40km
SC60	SC connector, single-mode, 1310nm, 60km
SC80	SC connector, single-mode, 1550nm, 80km
PS	
L9-L9	3-5.5VDC, Redundant Power Inputs

Accessories

Accessory Model	Description
DT-FCZ-RJ45-01	Dustproof cover for RJ45 port