MAKE IN INDIA

GLOBUS INFOCOM LIMITED

SAFE IS THE NEW SMART

18 Port SFP Network Switch (Managed)

Model: GNSV-PG8S18M (Pro-Series)

- 1G SFP
- 10/100/1000Mbps Uplink
- Layer 2
- Web Management
- Plug & Play
- Green Cabling

Application Areas


City Surveillance


Railway Station


Highways


Traffic Light


Airports


Crowded Public Places

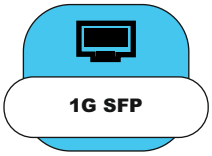
Customer Care
1800 4194 398

Email
helpdesk@globusinfocom.com

Website
www.globusinfocom.com

Network SFP Switch (Managed)

Globus Smart Managed switches are convenient, secure, and cost-effective switches that provide a range of features for the network needs of any size and type of business. Our range of SFP switches are ideal for deploying multiple high-performance access points while providing a high wire-speed uplink for ideal bandwidth for your network requirements. Being configurable from web browser, it gives users the ultimate functionality to manage the switches conveniently. Designed for high speed and density SFP connection, it comes in compact form factor along with the hot-pluggable feature.

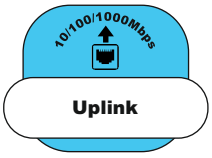


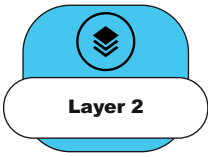
1G SFP

The SFP uplink port is ideal for connecting the switch to the network's backbone, providing more than enough bandwidth and stability for ultra-high speed data transferring. The industrial-grade Small-Form-Factor Pluggable (SFP) links your switches and routers to the network and can be used on a wide variety of network cameras and switches. With the hot-swappable feature, it maximizes uptime and improves the usability of your entire solution.

Uplink

The Uplink port on Globus Network Switches enable users to connect smaller local network to a larger network and at the same time, also lets them connect to the next higher device in the network topology. Our Switches come with two non-PoE Uplink Ports that support 10/100/1000Mbps bandwidth for smooth, glitch-free network performance of your security solution. It reverses the transmit and receive circuits on a regular ethernet cable to communicate with other network devices. It eliminates the need for a crossover cable, thus providing much neat and organized installation.





Layer

A layer 2 switch is a Network Switch that works on the data link layer and utilizes MAC address to devise a path through where the frame are forwarded. Switches and bridges are used for Layer 2 switching. They break up one large collision domain into multiple smaller ones. They build tables for the transfer of frames among networks. Layer 2 Switches are faster than routers because they consume lesser time looking at the Network layer header information. They work by looking at the frame's hardware addresses to devise the next step for the frame.

Web Management

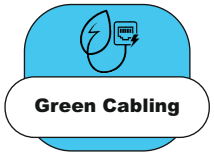
With Globus Network Switches, it is convenient, user-friendly and quick to connect your Network Cameras to the internet. It provides adequate bandwidth and stability for an ultra-high speed data transferring. Users can easily access recordings remotely, send alerts & notifications.

Plug & Play

The Plug & Play function gives a facility to connect network without the need for physical configuration. Globus offers a comprehensive portfolio of PoE+ switches and provides the most cost-effective solution for IP surveillance network. Owing to Web-Based Management, manage multiple Aps and achieve a simplified security solution.

Green Cabling Deployment

The Uplink port on Globus Network Switches enable users to connect smaller local network to a larger network and at the same time, also lets them connect to the next higher device in the network topology. Our Switches come with two non-PoE Uplink Ports that support 10/100/1000 Mbps bandwidth for smooth, glitch-free network performance of your security solution. It reverses the transmit and receive circuits on a regular ethernet cable to communicate with other network devices. It eliminates the need for a crossover cable, thus providing much neat and organized installation.



18 Port SFP Network Switch (Managed)

Network Port	18×10/100/1000Mbps SFP Port 8×10/100/1000Mbps RJ45 Port 1xConsole RJ45 Port
Network Protocol Standard	IEEE 802.3, IEEE 802.3u 100BASE-TX, IEEE 802.3ab1000BASE-T, IEEE 802.3x, IEEE 802.3z 1000BASE-X, IEEE 802.3ad, IEEE 802.3q, IEEE 802.3q/p, IEEE 802.1w, IEEE 802.1d, IEEE 802.1S, STP(Spanning Tree Protocol), RSTP/MSTP(Rapid Spanning Tree Protocol), EPPS ring network protocol, EAPS ring network protocol
DDR Capacity	16MB
Flash Capacity	128MB
Stacking Bandwidth	128Gbps
Forwarding Rate	40.32Mpps
Queue Buffering	4.1MB
MAC Address	Support 16K MAC addresses;MAC address learning and aging
Transmission Distance	10BASE-T: Cat-5 or later UTP(≤250 meter) 100BASE-TX: Cat-5 or later UTP(≤100 meter) 1000BASE-TX: Cat-6 or later UTP(≤1000 meter) 1000BASE-SX:62.5μm/50μm MMF(2m~550m) 1000BASE-LX:62.5μm/50μm MM(2m~550m) or 10μm SMF(2m~5000m)
VLAN	Port-based VLANs Up to 4096 VLAN support Voice VLAN,can configure QoS for voice data 802.1Q VLAN
Spanning Tree	STP(Spanning tree protocol) RSTP(Rapid spanning tree protocol) MSTP(Rapid spanning tree protocol) EPPS(Ring network protocol) EAPS(Ring network protocol) 802.1x argumentation agreement
Link Aggregation	Max 8 aggregation groups TRUNK , each supports 8 ports
Port Mirror	Many-to-one port mirroring
Loop Guard	Loop protection function, real-time detection, rapid alarm, accurate positioning, intelligent blocking, automatic recovery
Port Isolation	Support downlink ports isolated from each other and communicate with uplink port
Port Flow Control	Half duplex based back pressure control Full duplex based on PAUSE frame
Line Rate	Support downlink ports isolated from each other and communicate with upstream port

IGMP Snooping	IGMPv1/2/3 and MLDv1/2 GMRP Protocol Registration Multicast address management, multicast VLAN, multicast routing ports, static multicast addresses
DHCP	DHCP Snooping
Storm Suppression	Unknown unicast, multicast, unknown multicast, storm suppression of broadcast type Storm suppression based on bandwidth tuning and storm filtering
Security	User port+ IP Address+ MAC Address ACL based on IP and MAC Security properties of port based MAC address quantities
QOS	802.1p port queue priority algorithm Cos/Tos，QOS sign WRR (Weighted Round Robin)，Weighted priority rotation algorithm WRR, SP, WFQ，3 priority scheduling models
Cable Sequence	Auto-MDIX; auto identification of straight-through cables and crossover cables
Negotiation Mode	Port supports automatic negotiation (self-negotiation transmission rate and duplex mode)
System Maintenance	Upgrade package upload, System log view, WEB restore factory configuration
Network Management	WEB NMS, CLI management based on Telnet, TFTIP, Console, SNMP V1/V2/V3, RMON V1/V2 , RMON Management
Forwarding Mode	Store and Forward
LED Indicator	PWR:Power LED SYS:(System LED) 1~8:(Link LED=10/100M、1000M=Gigabit Link) 9-26:(SFP LED) MS:(Master power LED) SL:(Slave power LED)
Lightning Protection	3KV
Power Input	AC 100~240V 50/60HZ
Power Consumption	30W Max
Working Temperature	-20°C ~ 55°C
Weight	2.4kg
Dimension	440mm x 210mm x 45mm(LXBXH)

About Globus Infocom

Globus Infocom is a pioneer of technological solutions in the field of Education Technology, Collaborative Conferencing & Professional Displays, Security & Surveillance and Healthcare & Wellness. The company houses one of the most elaborate range of security solutions including Network Dome Camera, Network Bullet Camera, PTZ Cameras, Fish Eye Cameras, NVRs, DVRs, Mobile Surveillance, Body Worn Cameras, PoE/SFP Network Switches (managed-unmanaged) and related accessories. With its in-house Research & Development team and the zeal for constant innovation, Globus has developed an insight to understand what 21st century Security & Surveillance market demands. Owing to its nationwide sales and service support, Globus Infocom, a proud Make in India brand, has amassed more than 25,000 customers with 50% of repeat order ratio.