



**Model : Diana: DSMS-8G2F**  
**Built in 8GE-2SFP Gigabit Smart Web switch**

Model	DSMS-8G2F
Product name	Built in 8GE-2SFP Gigabit Smart Web switch
Fixed port	8 x 10 / 100 / 1000base TX RJ45 ports (data) 2 x 1000m SFP 1 reset* restore factory configuration button
Port characteristics	10 / 100 / 1000base (x) automatic detection, full / half duplex MDI / mdi-x adaptive
Function switch	DUMP : Common network sharing WEB: SMART WEB management
Forwarding mode	Store and forward (full line speed)
Backplane bandwidth	20Gbps ( No blocking )
Packet forwarding rate	14.44Mpps
MAC address	8K
Cache	4M
Network protocol	IEEE 802.3,802.3i,802.3u,802.3x,802.3ab,802.3z
Twisted pair transmission	10BASE-T : Cat3,4,5 UTP(≤250 meter) 100BASE-TX : Cat5 or later UTP(150 meter) 1000BASE-TX : Cat6 or later UTP(150 meter)
LED indicator	Power: power indicator 9-10 Port: (optical port connection indicator) 1-8 Port: (Green:Link ; Orange:1000M Speed)
Overall power consumption	Full load maximum 10W
Power supply	Built in AC : 100 ~ 240V 50-60Hz 0.3A
Operating temperature / humidity	-10 ~ +65°C ; 5% ~ 90% RH No condensation
Storage temperature / humidity	-40 ~ +75°C ; 5% ~ 95% RH No condensation
Product size / package size (L * w * h)	210mm*140mm*45mm 270*mm220mm*68mm
Net weight / gross weight	1.1kg/1.4kg

( kg )	
Installation mode	Desktop type (optional with wall hanging + rack mount accessories)
Lightning protection / protection grade	Port lightning protection: 3KV 8 / 20us; Protection grade: IP30
Safety certification	CE mark, commercial ; CE/LVD EN60950 ; RoHS ;
Warranty period	Complete device 2 years (excluding accessories)

Software Specifications	
Port configuration	Support port on / off
	Support port flow control
	Support port rate control
	Support port name customization
Layer 2 switching	Support port address dynamic learning
	Support port aggregation
	IGMP V1 / V2 support
Port Mirror	Support traffic statistics
	Support local entrance / exit monitoring
	Support loopback detection and loop blocking
VLAN	802.11Q VLAN 、 MTU VLAN 、 Port VLAN
Service quality ( QoS )	Supports 4 port queues
	Support port priority, 802.1p priority and DSCP priority
	Support port bandwidth control, port isolation, storm suppression, loop
	Support mega frame configuration
	Support, MAC limit
System management	Support management through web GUI
System tools	Support software upgrade
	Support configuration backup and recovery
	Support system restart and software reset