

## **DIANA: DSMS-24GP2G2F** 28 Ports Gigabit Smart Managed PoE Switch



<b>Model</b>	<b>DSMS-24GP2G2F</b>
<b>Product name</b>	<b>28 ports gigabit Smart managed PoE Switch</b>
<b>Fixed port</b>	24* 10/100/10000base TX Poe ports (data/power) PoE 2* 10/100/10000base TX RJ45 ports (data) 2 x 1000m SFP 1 reset* restore factory configuration button
<b>Port characteristics</b>	10 / 100 / 1000base (x) automatic detection, full / half duplex MDI / mdi-x adaptive
<b>Function switch</b>	DUMP: Common network sharing WEB: SMART WEB management
<b>PoE Port</b>	Port 1-2: support IEEE 803.2af/at/PoE + + / BT, max power 90W 3-24 ports: support IEEE 803.2af/at, single port, max power 30W 1-24 ports support PoE watchdog Function
<b>PoE pin</b>	1-2 port: 1245+ 3678- 3-24 port: 12+ 36-
<b>Poe total power</b>	≤ 400W
<b>Forwarding mode</b>	Store and forward (full line speed)
<b>Backplane bandwidth</b>	56Gbps (No blocking)
<b>Packet forwarding rate</b>	40.32Mpps
<b>MAC address</b>	8K
<b>Cache</b>	4M
<b>Network protocol</b>	IEEE 802.3,802.3i,802.3u,802.3x,802.3ab,802.3z IEEE 802.3af/at/PoE++/BT
<b>Twisted pair transmission</b>	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 25-26 ports: (100M / 1000m prompt light green) 1-24 ports: (100M / 1000m prompt light green) Port 1-16 POE: Poe on light orange
Overall power consumption	Full load maximum 400W
Power supply	Built in AC: 100~240V 50-60Hz 4A
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)	440mm*220mm*45mm 515mm*375mm*95mm
Net weight / gross weight (kg)	3.3kg/3.9kg
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 Specification	
PoE manage	PoE port switch
	PoE protocol type configuration
	PoE port restart
	PoE log function configuration
	PoE port status, current, power and voltage display
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 pages
System tools	Support software upgrade
	Support configuration backup and recovery
	Support system restart and software reset