DUXNET

PRODUCT DATASHEET

Layer 2 Managed Switches



Powering your network to the Next Level

OVERVIEW

Elevate your network with the DuxNet Managed Layer 2 Switches. Designed to empower home offices and small to medium businesses, these switches effortlessly supply power and data to a wide range of devices, including access points, cameras, VoIP phones, smart lighting, PoE POS systems, access controls, and more.

MAIN FEATURES

- **PoE Power:** Seamlessly powers access points, cameras, VoIP phones, smart lighting, PoE POS systems, and access controls.
- **Scalability:** Stacking and link aggregation for increased capacity and redundancy.
- **Centralized Management:** Provides centralized control over connected devices, ensuring smooth operation and network security.
- **Security:** Port security, storm control, and IEEE 802.1x authentication for enhanced network protection.
- **Redundancy and Failover Support:** Supports Spanning Tree Protocol (STP), ensuring network resilience with minimal downtime in case of link failures.
- **Advanced Features:** Port mirroring, loop prevention, and other features for advanced network management.
- **Reliable Performance:** Provides consistent, high-speed connectivity suitable for basic networking tasks, ensuring reliable and steady performance.

Model Name	DUX2528P	DUX2528F
LAYER 2 MANAGED SWITCHES		
Product Description	28-Port Layer 2 Gigabit PoE+ Switch with 4-Port SFP	28-port Combo Layer 2 Gigabit Switch
Port Configuration		
10M/100M/1G RJ45 Ports	24	16
1G Uplink Ports (RJ45 Shared)	4	-
1G SFP Ports	4	12
Total Ports	28	28
PoE Function		
IEEE802.3af (PoE 15.4W)	Y	-
IEEE802.3at (PoE+ 30W)	Y	-
UPoE(60W)	--	-
PoE Port	24	-
Available PoE Power	450W	-
HW Performance		
Switching Bandwidth	52 Gbps	56 Gbps
MAC Address	8k	8k
Environmental Specification		
Operating Temperature	-10°C to 45°C	-10°C to 45°C
Operating Humidity	10% to 90%	10% to 90%
Storage Temperature	-20°C to 70°C	-20°C to 70°C
Storage Humidity	5% to 95%	5% to 95%
Mechanical Specification		
Dimensions (H) x (W) x (D) mm	44 x 285 x 440	44 x 220 x 440
Power Source		
AC Input / DC Input	100-240V	100-240V
Surge Protection	6KV per port	6KV per port
AI Mode*		
AI Extend	-	-
AI VLAN	-	-
AI QoS	-	-
AI PoE	-	-
Port-Based	-	-
L2 Switching		
Spanning Tree	Y	Y
VLAN	Y	Y
IEEE 802.3ad LACP	Y	Y
GARP/GVRP	GVRP	GVRP
IGMP Snooping	Y	Y
MLD Snooping	Y	-

Model Name		DUX2528P	DUX2528F

LAYER 2 MANAGED SWITCHES



QoS Features			
Class of Service		Y	Y
Rate Limiting	Ingress	Y	Y
	Egress	Y	Y
Priority Queue Scheduling	WRR	Y	-
	Strict Priority	Y	-

Security			
ACLs		Y	Y
Port Security (MAC Based)		Y	-
IP Source Guard		Y	-
Storm Control		Y	Y
RADIUS Authentication 802.1x		Y	Y
HTTPs and SSL (Secured Web)		Y	Y
STP Root		Y	Y
DHCP Snooping		Y	Y
Loop Protection		Y	Y

Management			
DHCP	Client	Y	Y
Event/Error Log	Syslog	Y	Y
	SMTP (RFC821)	-	-
Management Filtering	SNMP	Y	Y
	Web	Y	Y
	Telnet	Y	Y
	SSH	Y	Y
PoE Management	Scheduling	Y	Y
	Auto-Checking	Y	Y
	Power Delay	-	-

* Each unit is equipped with 4 working Modes which include VLAN (Port Isolation), AI Extender (Increasing transmission distance up to 250m at 10mbps), AI PoE (Automatically restarts a device if no data passes through the port for a set time) and AI QoS (Priorities network bandwidth).

GO GREEN ECO FRIENDLY WITH DUXBURY

Free Telephonic Support

Limited Lifetime Warranty