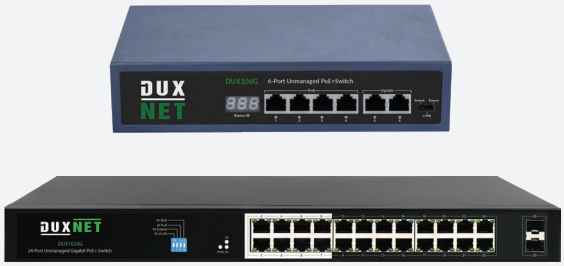
DUXNET

PRODUCT DATASHEET

Unmanaged Switches

Next-Level Ease of Use



OVERVIEW

The DuxNet Unmanaged Switches deliver a next-level, seamless, and cost-effective solution for expanding Ethernet ports within any network environment. Designed to meet the demands of growing IP-based technologies, including innovative security systems, these switches empower users to optimise their network infrastructure effortlessly.

MAIN FEATURES

- **Effortless Expansion:** Easily add more Ethernet ports to your network, connecting multiple devices without compromising performance.
- **Plug-and-Play Simplicity:** No configuration is required, making them easy to install and operate, perfect for non-technical users or quick deployments.
- **Cost-Effective:** Lower price point compared to managed switches, ideal for smaller networks or budget-conscious environments.
- **Reliable Performance:** Provides consistent, high-speed connectivity suitable for basic networking tasks, ensuring reliable and steady performance.
- **Maintenance-Free Operation:** With no need for software updates or manual configuration, unmanaged switches require minimal upkeep, offering a hands-off network solution.

Model Name	DUX106GEP	DUX1010GEP	DUX1010GEPF
Eco Desktop Switches			
Product Description	6-Port Gigabit Switch with 4 Port PoE+	10-Port Gigabit Switch with 8 Port PoE+	10-Port Gigabit Switch with 8 Port PoE+ and 2 SFP Ports
Port Configuration			
10M/100M/1G RJ45 Ports	4	8	8
10M/100M/1G/2.5G RJ45 Ports	-	-	-
1G Uplink Ports (RJ45)	2	2	-
1G SFP Ports	-	-	2
10G SFP+ Ports	-	-	-
Total Ports	6	10	10
PoE Function			
IEEE802.3af (PoE 15.4W)	Y	Y	Y
IEEE802.3at (PoE+ 30W)	Y	Y	Y
UPoE(60W)	-	-	-
UPoE(90W)	-	-	-
PoE Port	4	8	8
PoE Display	-	-	-
Available PoE Power	65W	96W	150W
HW Performance			
Switching Bandwidth	12 Gbps	20 Gbps	20 Gbps
MAC Address	2k	2k	4k
Environmental Specification			
Operating Temperature	0°C to 45°C	0°C to 45°C	0°C to 45°C
Operating Humidity	10% to 90% non-condensing	10% to 90% non-condensing	10% to 90% non-condensing
Storage Temperature	-10°C to 70°C	-10°C to 70°C	-20°C to 70°C
Storage Humidity	5% to 90% non-condensing	5% to 90% non-condensing	5% to 90% non-condensing
Mechanical Specification			
Dimensions (H) x (W) x (D) mm	44 x 133 x 200	44 x 133 x 200	44 x 181x 270
Rackmount	-	-	-
Power Source			
AC Input / DC Input	100-240V	100-240V	100-240V
Surge Protection	6KV per port	6KV per port	6KV per port
AI Mode			
AI Extend	Y	Y	Y
AI VLAN	Y	Y	Y
AI QoS	-	-	-
AI PoE	-	-	-
Port-Based	Y	Y	Y

Model Name	DUX106Gv2	DUX1010Gv2	DUX1012P	DUX1009XM
Desktop Switches				
Product Description	6-Port Gigabit Switch with 4 Port AI PoE+	10-Port Gigabit Switch with 8 Port AI PoE+	12-Port Gigabit Switch with 8 Port PoE+ and 2 SFP2/GbE Ports	9-Port Multi-Gigabit Switch with 8 Ports PoE++ and 1 SFP+ Port
Port Configuration				
10M/100M/1G RJ45 Ports	4	8	8	-
10M/100M/1G/2.5G RJ45 Ports	-	-	-	8
1G Uplink Ports (RJ45)	2	2	2	-
1G SFP Ports	-	-	2	-
10G SFP+ Ports	-	-	-	1
Total Ports	6	10	12	9
PoE Function				
IEEE802.3af (PoE 15.4W)	Y	Y	Y	Y
IEEE802.3at (PoE+ 30W)	Y	Y	Y	Y
UPoE(60W)	-	-	-	Y
UPoE(90W)	-	-	-	First 4
PoE Port	4	8	8	8
PoE Display	Y	Y	Y	-
Available PoE Power	65W	96W	120W	150W
HW Performance				
Switching Bandwidth	12 Gbps	20 Gbps	20 Gbps	60Gbps
MAC Address	2k	2k	2k	4K
Environmental Specification				
Operating Temperature	0°C to 40°C	0°C to 40°C	0°C to 45°C	0°C to 40°C
Operating Humidity	10% to 90%	10% to 90%	10% to 90%	10% to 90%
Storage Temperature	-10°C to 70°C	-10°C to 70°C	-20°C to 70°C	-40°C to 70°C
Storage Humidity	5% to 90%	5% to 90%	5% to 95%	5% to 90%
Mechanical Specification				
Dimensions (H) x (W) x (D) mm	27 x 75 x 125	27 x 94 x 184	44 x 182 x 270	44 x 180 x 282
Rackmount	-	-	-	-
Power Source				
AC Input / DC Input	100-240V	100-240V	100-240V	100-240V
Surge Protection	6KV per port	6KV per port	6KV per port	6KV per port
AI Mode*				
AI Extend	Y	Y	Y	Y
AI VLAN	Y	Y	Y	Y
AI QoS	-	-	-	Y
AI PoE	-	-	-	Y
Port-Based	Y	Y	Y	-

* 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).

Model Name	DUX1018P	DUX1024G
Rackmount Switches		
Product Description	18-Port Gigabit Switch with 16 Port PoE+ and 2 SFP Ports	26-Port Gigabit Switch with 24 Port PoE+ and 2 SFP Ports
Port Configuration		
10M/100M/1G RJ45 Ports	16	24
10M/100M/1G/2.5G RJ45 Ports	-	-
1G Uplink Ports (RJ45)	-	-
1G SFP Ports	2	2
10G SFP+ Ports	-	-
Total Ports	18	26
PoE Function		
IEEE802.3af (PoE 15.4W)	Y	Y
IEEE802.3at (PoE+ 30W)	Y	Y
UPoE(60W)	-	-
UPoE(90W)	-	-
PoE Port	16	24
PoE Display	Y	-
Available PoE Power	150W	200W
HW Performance		
Switching Bandwidth	36Gbps	52Gbps
MAC Address	8K	8K
Environmental Specification		
Operating Temperature	0°C to 40°C	0°C to 40°C
Operating Humidity	10% to 90%	10% to 90%
Storage Temperature	-40°C to 70°C	-40°C to 70°C
Storage Humidity	5% to 90%	5% to 90%
Mechanical Specification		
Dimensions (H) x (W) x (D) mm	44 x 220 x 440	44 x 180 x 440
Rackmount	Y	Y
Power Source		
AC Input / DC Input	100-240V	100-240V
Surge Protection	6KV per port	6KV per port
AI Mode*		
AI Extend	-	Y
AI VLAN	-	Y
AI QoS	-	Y
AI PoE	-	Y
Port-Based	-	-

* 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).

Model Name	DUX108F2G	DUX108F2GD	DUX108F2GR
SFP Switches			
Product Description	10-Ports Gigabit Switch with 8 SFP Ports and 2 Uplink Ports	10-Ports Gigabit Switch with 8 SFP Ports and 2 Uplink Ports	10-Ports Gigabit Switch with 8 SFP Ports and 2 Uplink Ports
Port Configuration			
10M/100M/1G RJ45 Ports	-	-	-
10M/100M/1G/2.5G RJ45 Ports	-	-	-
1G Uplink Ports (RJ45)	2	2	2
1G SFP Ports	8	8	8
10G SFP+ Ports	-	-	-
Total Ports	10	10	10
PoE Function			
IEEE802.3af (PoE 15.4W)	-	-	-
IEEE802.3at (PoE+ 30W)	-	-	-
UPoE(60W)	-	-	-
UPoE(90W)	-	-	-
PoE Port	-	-	-
PoE Display	-	-	-
Available PoE Power	-	-	-
HW Performance			
Switching Bandwidth	20Gbps	32Gbps	32Gbps
MAC Address	8K	8K	8K
Environmental Specification			
Operating Temperature	0°C to 45°C	-10°C to 55°C	-10°C to 55°C
Operating Humidity	10% to 90% non-condensing	5% to 90% non-condensing	5% to 90% non-condensing
Storage Temperature	-20°C to 70°C	-40°C to 75°C	-40°C to 75°C
Storage Humidity	5% to 95% non-condensing	5% to 95% non-condensing	5% to 95% non-condensing
Mechanical Specification			
Dimensions (H) x (W) x (D) mm	44 x 182 x 270	35 x 105 x 225	45 x 193 x 333
Rackmount	-	-	Y
Power Source			
AC Input / DC Input	100-240V	DC 12V/2A	100-240V
Surge Protection	6KV	3KV 8/20us; IP30	6KV 8/20us; IP30

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