

ES1200 Gigabit Unmanaged Access Switch

Product Overview

ES1200 unmanaged series intelligent switches are new generation of easy-to-use green switches launched by DCN. This series of products are highly integrated, compact, light, and easy to operate. They are suitable for small and medium-sized offices and home networks. Some models support port isolation, flow control, ultra-long distance (250 meters) transmission and other features, especially suitable for monitoring scenarios, providing monitoring customers with a good experience with stable quality and high cost performance.



Features

- Plug & play. Just power switches on, no configuration operation is required.
- Abundant switch models to meet the needs of various scenarios.
- Four working mode including Standard, Flow Control Off, Port Isolation and Ultra-Long Range Transmission Modes
- PoE+, up to 30w power supply per port

Specification

1st of 3 tables

Item	ES1205	ES1205G-POE	ES1210P
Ports	5 x 10/100/1000 Base-T	4 x 10/100/1000 Base-T PoE + 1 x 1G	8 x 10/100/1000 Base-T + 2 * 1G SFP
MAC addresses	2K	2K	4K
Switching Capacity	10Gbps	10Gbps	20Gbps
Forwarding Rate	7.44Mpps	7.44Mpps	14.88Mpps
Packet Buffer	1.5 Mbit	1.5Mbit	1.5Mbit
Jumbo Frame	16367 bytes	9KByte	9216Byte
Standard & Protocol	IEEE802.3i, IEEE802.3u, IEEE802.3ab, IEEE802.3z, IEEE802.3x, IEEE802.3ad, IEEE802.1Q, IEEE802.1P		
Working Mode	Plug & Play		
Lighting Protection	4kv(Non PoE ports), 6kv (PoE ports)		
Cooling	Passive		
Dimension (W*D*H)	125*65*22 mm	140*76*27.7 mm	190*100*28 mm
Environment	Working 0°C~50°C, 10%~90%, non-condensing Storage -40°C~70°C, 5%~90%, non-condensing		
Power Supply	AC input: 100-240V, 50-60Hz DC output: 5V/1A	AC input: 100-240V, 50-60Hz DC output: 5V/1.25A	AC input: 100-240V, 50-60Hz DC output: 12V/1A
Power Consumption	≤1.6W	≤62.8W	≤5.78W
PoE	N/A	802.3af/at PoE output: 54W	N/A

2nd of 3 tables

Item	ES1209P-POE	ES1218P	ES1218P-POE V1.0
Ports	8 x 10/100/1000 Base-T PoE + 1 x 1G SFP	16 x 10/100/1000 Base-T + 2 x 1G SFP	16 x 10/100/1000 Base-T + 2 * 1G SFP
MAC addresses	4K	8K	8K
Switching Capacity	18Gbps	36Gbps	36Gbps
Forwarding Rate	13.392Mpps	26.784Mpps	26.784Mpps
Packet Buffer	1.5Mbits	4.1 Mbit	4.1Mbit
Jumbo Frame	9KBytes	10KBytes	9KBytes
Standard & Protocol	IEEE802.3i, IEEE802.3u, IEEE802.3ab, IEEE802.3z, IEEE802.3x, IEEE802.3ad, IEEE802.1Q, IEEE802.1P		
Working Mode (Normal)	Flow control enabled on all physical ports, all ports communicate with each other		
Working Mode (Flow Control)	Flow control is disabled	Flow control is disabled	N/A
Working Mode (VLAN)	Port 1-8 are isolated with each other	Port 1-16 are isolated with each other	Port 1-14 are isolated with each other

Working Mode (Extend)	N/A	N/A	The transmission distance on port 1-8 can reach 250m with 10Mbps port speed
Lighting Protection	4kv(Non PoE ports), 6kv (PoE ports)		
Cooling	Passive		
Dimension (W*D*H)	280*180*44.3 mm	440*240*44 mm	440*208*44 mm
Environment	Working 0°C~50°C, 10%~90%, non-condensing Storage -40°C~70°C, 5%~90%, non-condensing		
Power Supply	AC input: 100-240V, 50-60Hz		
Power Consumption	≤140W	≤12.5W	≤261W
PoE	802.3af/at PoE output: 120W	N/A	802.3af/at PoE output: 240W

3rd of 3 pages

Item	ES1226P	ES1226P-POE V1.0	ES1250G
Ports	24 x 10/100/1000 Base-T + 2 x 1G SFP	24 x 10/100/1000 Base-T PoE + 2 x 1G SFP	48 x 10/100/1000 Base-T + 2 x 1G SFP
MAC addresses	8K	8K	16K
Switching Capacity	52Gbps	52Gbps	100Gbps
Forwarding Rate	38.688Mpps	38.688Mpps	74.4Mpps
Packet Buffer	4.1Mbit	4.1Mbit	12Mbit
Jumbo Frame	9KBytes	9KBytes	9KBytes
Standard & Protocol	IEEE802.3i, IEEE802.3u, IEEE802.3ab, IEEE802.3z, IEEE802.3x, IEEE802.3ad, IEEE802.1Q, IEEE802.1P		
Working Mode (Normal)	Flow control enabled on all physical ports, all ports communicate with each other		
Working Mode (Flow Control)	Flow control is disabled	N/A	Flow control is disabled
Working Mode (VLAN)	Port 1-24 are isolated with each other	Port 1-22 are isolated with each other	Port 1-46 are isolated with each other
Working Mode (Extend)	N/A	The transmission distance on port 1-8 can reach 250m with 10Mbps port speed	N/A
Lighting Protection	4kv(Non PoE ports), 6kv (PoE ports)		
Cooling	Passive		
Dimension (W*D*H)	440*208*44 mm	440*208*44 mm	440*208*47 mm
Environment	Working 0°C~50°C, 10%~90%, non-condensing Storage -40°C~70°C, 5%~90%, non-condensing		
Power Supply	AC input: 100-240V, 50-60Hz		
Power Consumption	≤17W	≤420W	≤34.6W
PoE	N/A	802.3af/at PoE output: 370W	N/A

Order Information

Product	Description
ES1205	Unmanaged Gigabit switch (plastic case), 5 10/100/1000M electrical ports Backplane bandwidth: 10Gbps, packet forwarding rate: 7.44Mpps

ES1205G-POE	Unmanaged Gigabit switch (iron case), 4 10/100/1000M POE + 1 1000M electrical port, IEEE 802.3af/at, the maximum POE power is 54W , Backplane bandwidth 10Gbps, packet forwarding rate 7.44Mpps
ES1209P-POE	Unmanaged switch, 8 10/100/1000M POE ports + 1 Gigabit SFP optical port, IEEE 802.3af/at, the maximum POE power 120W, can be mounted on the rack The switch capacity is 18Gbps, and the packet forwarding rate is 13.39Mpps
ES1210P	Unmanaged switch, 8 10/100/1000M electrical ports + 2 Gigabit SFP optical ports, desktop type, rack mountable; Backplane bandwidth: 20Gbps, packet forwarding rate 14.88Mpps
ES1218P	Unmanaged switch (iron case) with 16 Gigabit electrical ports + 2 Gigabit SFP optical ports Backplane bandwidth: 36Gbps, forwarding rate: 26.78Mpps
ES1218P-POE	Unmanaged switch with 16 10/100/1000M electrical ports + 2 Gigabit SFP optical ports, IEEE 802.3af/at, all electrical ports support maximum 30W power supply, maximum PoE power 240W, backplane bandwidth: 36Gbps; forwarding rate: 26.78Mpps
ES1226P	Unmanaged switch (iron case), 24 10/100/1000M electrical ports + 2 Gigabit SFP interfaces switching capacity 52Gbps packet forwarding rate 38.69Mpps
ES1226P-POE	Unmanaged 19-inch switch, 24 10/100/1000M electrical ports + 2 Gigabit SFP optical ports, IEEE 802.3af/at, all electrical ports support maximum 30W power supply, maximum PoE power 370W, backplane bandwidth: 52Gbps; forwarding rate 38.69Mpps,
ES1250G	Unmanaged 19-inch switch, 48 1000M electrical ports + 2 Gigabit SFP optical ports, switching capacity 100Gbps, packet forwarding rate 74.4Mpps