

Hikvision Network Switch Quick Reference Guide



	UNMANAGED GIGABIT POE			
Model	DS-3E0505P-E	DS-3E0510P-E	DS-3E0518P-E	DS-3E0526P-E
Product Image				
PoE/Ethernet Ports	4 x Gigabit PoE	8 x Gigabit PoE	16 x Gigabit PoE	24 x Gigabit PoE
Uplinks	1 x Gigabit RJ45 port	1 x Gigabit RJ45 port 1 x gigabit SFP fiber optical port	1 x Gigabit RJ45 port 1 x gigabit SFP fiber optical port	1 x Gigabit RJ45 port 1 x gigabit SFP fiber optical port
PoE Standard	IEEE 802.3af, IEEE 802.3at	IEEE 802.3af, IEEE 802.3at	IEEE 802.3af, IEEE 802.3at	IEEE 802.3af, IEEE 802.3at
High priority ports	-	-	-	-
Extend Ports / Distance	-	-	-	-
Max PoE Port Power	30 W	30 W	30 W	30 W
Total PoE Power Budget	60 W	110 W	230 W	370 W
Max Power Consumption	65 W	120 W	250 W	400 W
Surge Protection	6 kV	6 kV	6 kV	6 kV
Operating Temperature	-10 °C to 55 °C (14 °F to 131 °F)	-10 °C to 55 °C (14 °F to 131 °F)	-10 °C to 55 °C (14 °F to 131 °F)	-10 °C to 55 °C (14 °F to 131 °F)
Power Supply	48 VDC, 1.35 A	48 VDC, 2.5 A	100 to 240 VAC, Max. 4 A	100 to 240 VAC, Max. 6.5 A
Dimension (W x H x D)	105 mm x 27.6 mm x 83.1 mm (4.1" x 1.1" x 3.3")	217.6 mm x 27.8 mm x 108.55 mm (8.6" x 1.1" x 4.3")	440 mm x 44 mm x 220.8 mm (17.3" x 1.7" x 8.7")	440 mm x 44 mm x 220.8 mm (17.3" x 1.7" x 8.7")
Gross Weight	0.84 kg (1.85 lb)	1.4 kg (3.09 lb)	3.53 kg (7.78 lb)	3.74 kg (8.25 lb)

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	SMART MANAGED 100M POE			
Model	DS-3E1105P-EI	DS-3E1309P-EI	DS-3E1318P-EI	DS-3E1326P-EI
Product Image				
PoE/Ethernet Ports	4 × 100 Mbps PoE	8 × 100 Mbps PoE	16 × 100 Mbps PoE	24 × 100 Mbps PoE
Uplinks	1 × 100 Mbps RJ45 port	1 × Gigabit network RJ45 port	2 × Gigabit combs	2 × Gigabit combs
PoE Standard	IEEE 802.3af, IEEE 802.3at	IEEE 802.3af, IEEE 802.3at	IEEE 802.3af, IEEE 802.3at	IEEE 802.3af, IEEE 802.3at
High priority ports	Ports 1 and 2	-	Ports 1 to 8	Ports 1 to 8
Extend Ports / Distance	Ports 1-4 /984 ft	Ports 1-8 /984 ft	Ports 1-16 /984 ft	Ports 1-24 /984 ft
Max PoE Port Power	30 W	30 W	30 W	30 W
Total PoE Power Budget	60 W	110 W	230 W	370 W
Max Power Consumption	65 W	120 W	250 W	400 W
Surge Protection	6 kV	6 kV	6 kV	6 kV
Operating Temperature	0°C to 40°C (32°F to 104°F)	0°C to 40°C (32°F to 104°F)	-10°C to 55°C (14°F to 131°F)	-10°C to 55°C (14°F to 131°F)
Power Supply	48 VDC, 1.35 A	48 VDC, 2.5 A	100 to 240 VAC, Max. 2.5 A	100 to 240 VAC, Max. 6.5 A
Dimension (W × H × D)	105 mm × 27.6 mm × 83.1 mm (4.76" × 3.47" × 1.09")	170 mm × 27.6 mm × 93.1 mm (4.76" × 3.47" × 1.09")	440 mm × 44 mm × 220.8 mm (4.76" × 3.47" × 1.09")	440 mm × 44 mm × 221 mm (17.32" × 1.73" × 8.70")
Gross Weight	0.82 kg (1.80 lb)	1.11 kg (2.45 lb)	3.68 kg (8.11 lb)	3.33 kg (7.34 lb)
Port Configuration	Support rate, flow control, and switch configuration			
Device Maintenance	Remote upgrade, default parameters recovery, logs viewing, basic network parameters configuration			
Port Reboot	Support			
Typology Display	Support			
Device Status Alarm	Support the device status, PoE_MAX and PoE status alarm			
Link Aggregation	-	-	Support G1, G2 port static link aggregation	
QoS	-			
VLAN	-			
Management Method	iVMS-4200, HikCentral			

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	SMART MANAGED GIGABIT POE		
Model	DS-3E1510P-SI	DS-3E1518P-SI	DS-3E1526P-SI
Product Image			
PoE/Ethernet Ports	8 x Gigabit PoE	16 x Gigabit PoE	24 x Gigabit PoE
Uplinks	2 x Gigabit fiber optical ports	2 x Gigabit fiber optical ports	2 x Gigabit fiber optical ports
PoE Standard	IEEE 802.3af, IEEE 802.3at	IEEE 802.3af, IEEE 802.3at	IEEE 802.3af, IEEE 802.3at
High priority ports	Configurable	Configurable	Configurable
Extend Ports / Distance	Ports 1-8 /984 ft	Ports 1-16 /984 ft	Ports 1-24 /984 ft
Max PoE Port Power	30 W	30 W	30 W
Total PoE Power Budget	110 W	225 W	370 W
Max Power Consumption	120 W	250 W	400 W
Surge Protection	6 kV	6 kV	6 kV
Operating Temperature	-10°C to 55°C (14°F to 131°F)	-10°C to 55°C (14°F to 131°F)	-10°C to 55°C (14°F to 131°F)
Power Supply	48 VDC, 2.5 A	100 to 240 VAC, Max. 4 A	100 to 240 VAC, Max. 6.5 A
Dimension (W x H x D)	217.6 mm x 108.55 mm x 27.8 mm (8.57" x 4.27" x 1.09")	440 mm x 44 mm x 220.8 mm (17.32" x 1.73" x 8.69")	440 mm x 44 mm x 221 mm (17.32" x 1.73" x 8.7")
Gross Weight	1.3 kg (2.87 lb)	3.31 kg (7.30 lb)	3.54 kg (7.79 lb)
Port Configuration	Port rate configuration, flow control, and ports enabling		
Device Maintenance	Remote upgrade, default parameters recovery, logs viewing, basic network parameters configuration, import and export configuration, time sync		
Port Reboot	Support PoE watchdog: auto detect and restart the cameras that do not respond.		
Typology Display	Support		
Device Status Alarm	Support the device status, PoE_MAX and PoE status alarm		
Link Aggregation	Static link aggregation supported		
QoS	WRR and SP scheduling and port priority		
VLAN	4094 VLANs		
Management Method	iVMS-4200, HikCentral, Web		

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	FULL MANAGED GIGABIT POE		HARSH ENVIRONMENT UNMANAGED HI-POE	
Model	DS-3E2510P(B)	DS-3E2528P(B)	DS-3T0506HP-E/HS	DS-3T0510HP-E/HS
Product Image				
PoE/Ethernet Ports	8 x Gigabit PoE 1 Console port	24 x Gigabit PoE 1 Console port	3 x Gigabit PoE ports 1 x Gigabit Hi-PoE port	6 x Gigabit PoE ports 2 x Gigabit Hi-PoE port
Uplinks	2 x Gigabit fiber optical ports	4 Gigabit combo ports	2 x Gigabit SFP fiber optical ports	2 x Gigabit SFP fiber optical ports
PoE Standard	IEEE 802.3af, IEEE 802.3at	IEEE 802.3af, IEEE 802.3at	IEEE 802.3af, IEEE 802.3at, IEEE 802.3bt	IEEE 802.3af, IEEE 802.3at, IEEE 802.3bt
High priority ports	Configurable	Configurable	-	-
Extend Ports / Distance	-	-	Ports 3 and 4 /984 ft	Ports 7 and 8 /984 ft
Max PoE Port Power	30 W	30 W	Port 1: 60 W Ports 2 to 4: 30 W	Port 1 to 2: 90 W Ports 3 to 8: 30 W
Total PoE Power Budget	130 W	130 W	60 W	110 W
Max Power Consumption	140 W	140 W	65 W	120 W
Surge Protection	6 kV	6 kV	6 kV	6 kV
Operating Temperature	-10°C to 55°C (14°F to 131°F)	-10°C to 55°C (14°F to 131°F)	-30 °C to 65 °C (-22 °F to 149°F)	-30 °C to 65 °C (-22 °F to 149 °F)
Power Supply	100 to 240 VAC	100 to 240 VAC	48 to 57 VDC, 1.35 A Max	48 to 57 VDC, 2.5 A Max.
Dimension (W × H × D)	280 mm × 44 mm × 180 mm (11.02" x 1.73" x 7.09")	440 mm × 44 mm × 210 mm (17.32" x 1.73" x 8.27")	158 mm × 101.2 mm × 31.6 mm (6.22" x 3.98" x 1.24")	197 mm × 114.2 mm × 42.2 mm (7.76" x 4.50" x 1.66")
Gross Weight	1.74 kg (3.84 lb)	3.1 kg (6.83 lb)	0.94 kg (2.07 lb)	1.11 kg (2.45 lb)
Port Configuration	PoE device detection, PoE power management		-	-
Device Maintenance	-	-	-	-
Port Reboot	-	-	PoE watchdog: auto detect and restart the cameras that do not respond.	
Typology Display	-	-	-	-
Device Status Alarm	-	-	-	-
Link Aggregation	Support IEEE 802.3ad LACP/static link aggregation		-	-
QoS	Support Diff-Serv QoS, Support 802.1p/DSCP priority mapping Support Queue scheduling including SP, WRR, WFQ, SP+WRR, SP+WFQ, Support Priority marking and remarking, Support Traffic shaping Support Congestion avoidance, Tail-Drop and WRED, Support 802.1p, TOS, DSCP, and EXP priority mapping, Support Port/Flow- based Rate Limiting		-	-
VLAN	Support IEEE 802.1Q (VLAN), 4096 VLAN IDs, Support GVRP, Support QinQ Support VLAN based on MAC/ protocol /IP subnet / policy / port, Support Private VLAN, Support 1:1 and N:1 VLAN Mapping functions		-	-
Management Method	Support Console, Telnet, SSH, Support web, http,https, Support FTP, TFTP, Xmodem, SFTP, Support SNMP V1/V2c/V3, Support RMON, Support NTP		-	-

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