



*HIKVISION*<sup>®</sup>

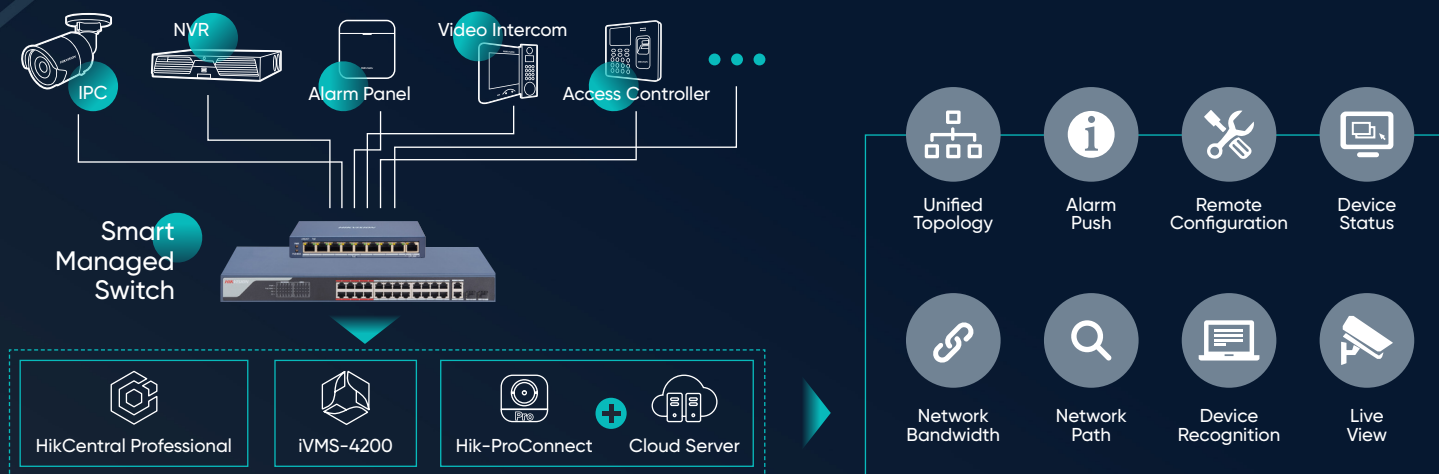


# **HIKVISION TRANSMISSION PRODUCTS**

QUICK GUIDE

# WHAT WE OFFER

Hikvision Smart Managed Switches provide centralized, visualized management of all Hikvision IP devices. They perfectly integrate with Hikvision software and provide comprehensive operation and maintenance capabilities based on a unified topology. What's more, the network condition, device health status, and alarm notifications can also be displayed and managed visually, contributing to intelligent management and enhanced operational efficiency.



## FEATURES

300  
Meters  
⇌

### 300-Meter Transmission

With the Extended Mode on, the transmission distance can be increased to 300 meters. Even when the transmission distance reaches 300 meters, the video is still smooth and stable.



### VIP Port Transmission Priority

VIP ports enjoy higher priority and more stable transmission when the switch is overloaded. It is recommended to connect cameras in critical areas to VIP ports.



### PoE Watchdog

The PoE watchdog can detect the status of connected devices and restart offline cameras automatically, saving manpower and maintenance costs.



### Easy Port Isolation

The port isolation function can virtually isolate the ports from each other, preventing data from leaking among ports, and preventing a broadcasting storm in case of mistaken connection.



### Higher PoE Power Budget

Hikvision PoE switches support IEEE 802.3 af/at/bt PoE standard, and can flexibly match with front-end devices according to their power standard.



### 6 KV Surge Protection

Hikvision switches are designed with surge protection to protect cameras installed outdoors that are vulnerable to lightning strikes.

# UNMANAGED SWITCHES

100 M





Model	DS-3E0106HP-E	DS-3E0310HP-E	DS-3E0318P-E(B)	DS-3E0326P-E(B)
Management	Unmanaged			
Ports	4 10/100 M RJ45 PoE ports 2 10/100 M RJ45 uplink port	8 10/100 M RJ45 PoE ports 2 Gigabit RJ45 uplink ports	16 10/100 M RJ45 PoE ports 2 Gigabit combo ports	24 10/100 M RJ45 PoE ports 2 Gigabit combo ports
PoE Standard	802.3 af/at/bt	802.3 af/at/bt	802.3 af/at	802.3 af/at
PoE Budget	60 W	110 W	230 W	370 W
Package Forwarding Rate	0.893 Mpps	4.166 Mpps	5.356 Mpps	6.547 Mpps
Switching Capacity	1.2 Gbps	5.6 Gbps	7.2 Gbps	8.8 Gbps
Mac Address Table	2 K	16 K	4 K	4 K
Surge Protection	6 KV			
Extended Mode	Supported			
Operating Temperature	-10 to 55 °C (14 to 131 °F)			
Dimensions	145 × 25.6 × 68.45 mm	217.6 × 27.8 × 103.35 mm	440 × 44 × 220.8 mm	440 × 44 × 220.8 mm
Similar Models	DS-3E0106P-E/MDS-3E0105P-E/ M(B)DS-3E0105P-E(B)	DS-3E0310P-E/MDS-3E0109P-E/ M(B)DS-3E0109P-E(C)	DS-3E0318P-E/M(B)	DS-3E0326P-E/M(B)

Gigabit



Model	DS-3E0505P-E	DS-3E0510P-E	DS-3E0518P-E	DS-3E0526P-E
Management	Unmanaged			
Ports	4 Gigabit POE ports 1 Gigabit RJ45 uplink port	8 Gigabit POE ports 1 Gigabit RJ45 uplink port 1 Gigabit SFP uplink port	16 Gigabit POE ports 1 Gigabit RJ45 uplink port 1 Gigabit SFP uplink port	24 Gigabit POE ports 1 Gigabit RJ45 uplink port 1 Gigabit SFP uplink port
PoE Standard	802.3 af/at	802.3 af/at	802.3 af/at	802.3 af/at
PoE Budget	60 W	110 W	230 W	370 W
Package Forwarding Rate	7.44 Mpps	14.88 Mpps	26.784 Mpps	38.688 Mpps
Switching Capacity	10 Gbps	20 Gbps	36 Gbps	52 Gbps
Mac Address Table	2 K	4 K	8 K	8 K
Surge Protection	6 KV			
Extended Mode	No			
Operating Temperature	-10 to 55 °C (14 to 131 °F)			
Dimensions	105 × 27.6 × 83.1 mm	217.6 × 27.8 × 108.55 mm	440 × 44 × 220.8 mm	440 × 44 × 220.8 mm
Similar Models	DS-3E0505P-E/MDS-3E0505HP-E	DS-3E0510P-E/MDS-3E0510HP-E	DS-3E0518P-E/MDS-3E0520HP-E	DS-3E0526P-E/MDS-3E0528HP-E

# FULL MANAGED SWITCHES



## L2 Switch

Model	DS-3E2310P	DS-3E2318P	DS-3E2326P	DS-3E2510P
				
Management	Full Managed			
Ports	8 10/100 M RJ45 PoE ports 2 Gigabit combo ports	16 10/100 M RJ45 PoE ports 2 Gigabit combo ports	24 10/100 M RJ45 PoE ports 2 Gigabit combo ports	8 Gigabit RJ45 PoE ports 2 Gigabit SFP ports
PoE Standard	802.3 af/at			
PoE Budget	125 W	300 W	380 W	125 W
Package Forwarding Rate	5.6 Mpps	8.4 Mpps	9.6 Mpps	15 Mpps
Switching Capacity	10 Gbps	21.2 Gbps	22.8 Gbps	20 Gbps
Mac Address Table	8 K			
Surge Protection	4 KV			
Extended Mode	No			
Operating Temperature	0 to 50 °C (32 to 122 °F)	0 to 50 °C (32 to 122 °F)	0 to 50 °C (32 to 122 °F)	0 to 45 °C (32 to 113 °F)
Dimensions	280 × 179 × 45 mm	440 × 232 × 44 mm	440 × 232 × 44 mm	280 × 45 × 179 mm

## L2 Switch

Model	DS-3E2528P	DS-3E2528
		
Management	Full Managed	
Ports	24 Gigabit RJ45 PoE ports 4 Gigabit SFP ports	24 Gigabit RJ45 PoE ports 4 Gigabit SFP ports
PoE Standard	802.3 af/at	-
PoE Budget	380 W	-
Package Forwarding Rate	42 Mpps	42 Mpps
Switching Capacity	56 Gbps	56 Gbps
Mac Address Table	8 K	
Surge Protection	4 KV	
Extended Mode	No	
Operating Temperature	0 to 45 °C (32 to 113 °F)	0 to 45 °C (32 to 113 °F)
Dimensions	440 × 45 × 232 mm	440 × 45 × 230 mm

## L3 Switch

Model	DS-3E3740	DS-3E3756TF
		
Management	Full Managed	
Ports	32 Gigabit RJ45 ports 8 10 G SFP+ ports	24 Gigabit RJ45 ports 24 Gigabit SFP ports 8 10 G SFP+ ports
PoE Standard	-	-
PoE Budget	-	-
Package Forwarding Rate	136 Mpps	136 Mpps
Switching Capacity	224 Gbps	256 Gbps
Mac Address Table	64 K	64 K
Surge Protection	4 KV	
Extended Mode	No	
Operating Temperature	0 to 45 °C (32 to 113 °F)	
Dimensions	442.5 × 315 × 44 mm	442.5 × 350 × 44 mm

# SMART MANAGED SWITCHES

## Smart EI Series





Model	DS-3E1105P-EI	DS-3E1309P-EI	DS-3E1318P-EI	DS-3E1326P-EI
Management	Smart Managed			
Ports	4 10/100 M RJ45 PoE ports 1 10/100M RJ45 port	8 10/100 M RJ45 PoE ports 1 Gigabit RJ45 port	16 10/100 M RJ45 PoE ports 2 Gigabit combo ports	24 10/100 M RJ45 PoE ports 2 Gigabit combo ports
Software Features	Smart managed on HCP/HPC/iVMS-4200, support link aggregation, LLDP			
PoE Standard	802.3 af/at			
PoE Budget	60 W	110 W	230 W	370 W
Package Forwarding Rate	0.744 Mpps	2.6784 Mpps	5.3568 Mpps	6.5472 Mpps
Switching Capacity	1 Gbps	3.6 Gbps	7.2 Gbps	8.8 Gbps
Mac Address Table	2 K	16 K	16 K	16 K
Surge Protection	6 KV			
Extend Mode	Supported			
Operating Temperature	0 to 40 °C (32 to 104 °F)		-10 to 55 °C (14 to 131 °F)	
Dimensions	105 × 27.6 × 83.1 mm	170 × 27.6 × 93.1 mm	440 × 44 × 220.8 mm	440 × 44 × 221 mm

## Smart SI Series




Model	DS-3E1310P-SI	DS-3E1318P-SI	DS-3E1326P-SI	DS-3E1510P-SI	DS-3E1518P-SI	DS-3E1526P-SI
Management	Smart Managed					
Ports	8 10/100 M RJ45 PoE ports 2 Gigabit combo ports	16 10/100 M RJ45 PoE ports 2 Gigabit combo ports	24 10/100 M RJ45 PoE ports 2 Gigabit combo ports	8 Gigabit PoE ports 2 Gigabit SFP ports	16 Gigabit PoE ports 2 Gigabit SFP ports	24 Gigabit PoE ports 2 Gigabit SFP ports
Software Features	Smart managed on HCP/HPC/iVMS-4200, support link aggregation, LLDP, port mirroring, storm control, PoE watchdog, port rate limiting, port isolation, SNMP, STP/RSTP, VLAN, QoS					
PoE Standard	802.3 af/at					
PoE Budget	125 W	230 W	370 W	110 W	225 W	370 W
Package Forwarding Rate	4.1664 Mpps	5.3568 Mpps	6.5472 Mpps	14.88 Mpps	26.784 Mpps	36.688 Mpps
Switching Capacity	5.6 Gbps	7.2 Gbps	8.8 Gbps	20 Gbps	36 Gbps	52 Gbps
Mac Address Table	16 K	16 K	16 K	8 K	8 K	8 K
Surge Protection	6 KV					
Extend Mode	Supported					
Operating Temperature	-10 to 55 °C (14 to 131 °F)					
Dimensions	266 × 44.5 × 220.8 mm	440 × 44 × 220.8 mm	440 × 44 × 221 mm	217.6 × 108.55 × 27.8 mm	440 × 220.8 × 44 mm	440 × 221 × 44 mm

# INDUSTRIAL POE SWITCHES

## Harsh Environment Switch




Environment Switch	DS-3T0506HP-E/HS	DS-3T0510HP-E/HS	DS-3T0306HP-E/HS	DS-3T0310HP-E/HS
				
Model				
Management	Unmanaged			
Ports	4 Gigabit RJ45 PoE ports 2 Gigabit SFP uplink ports	8 Gigabit RJ45 PoE ports 2 Gigabit SFP uplink ports	4 10/100 M RJ45 PoE ports 1 Gigabit RJ45, 1 Gigabit SFP uplink port	8 10/100 M RJ45 PoE ports 1 Gigabit RJ45, 1 Gigabit SFP uplink port
PoE Standards	802.3 af/at/bt			
PoE Budget	60 W	110 W	60 W	110 W
Package Forwarding Rate	8.928 Mpps	14.88 Mpps	3.5712 Mpps	4.1664 Mpps
Switching Capacity	12 Gbps	20 Gbps	4.8 Gbps	5.6 Gbps
Mac Address Table	4 K		2 K	
Surge Protection	6 KV			
Extended Mode	Supported			
Operating Temperature	-30 to 65 °C [-22 to 149 °F]			
Dimensions	158 × 101.2 × 31.6 mm	197 × 114.2 × 42.2 mm	158 × 101.2 × 31.6 mm	197 × 114.2 × 42.2 mm

## Industrial Switch



Model	DS-3T0306P	DS-3T0310P	DS-3T3512P
			
Management	Unmanaged		Full Managed
Ports	4 10/100 M RJ45 PoE ports, 2 Gigabit SFP uplink ports	8 10/100 M RJ45 PoE ports, 2 Gigabit SFP uplink ports	8 Gigabit RJ45 PoE ports, 4 Gigabit SFP uplink ports
PoE Standards	802.3 af/at		
PoE Budget	120 W	240 W	
Package Forwarding Rate	3.6 Mpps	4.2 Mpps	18 Mpps
Switching Capacity	8.8 Gbps		52 Gbps
Mac Address Table	4 K		8 K
Surge Protection	4 KV		
Extended Mode	No		
Operating Temperature	-40 to 75 °C (-40 to 167 °F)		
Dimensions	155 × 130 × 42 mm	170 × 156 × 42 mm	140 × 110 × 52 mm

# WIRELESS BRIDGES

## Outdoor Wireless Bridge



	DS-3WF01C-2N/0	DS-3WF02C-5N/0	DS-3WF03C
Model			
Description	Outdoor 2.4 GHz wireless bridge CPE Range up to 3 km 150 Mbps throughput 12 dBi gain Output power 27 dBm 802.11 a/n Angle H: 60°; V: 30° IP65 1 10/100 M RJ45 1 10/100 M RJ45 with passive PoE input	Outdoor 5 GHz wireless bridge CPE Range up to 5 km 2 × 2 MIMO antenna with 300 Mbps throughput 10 dBi gain Output power 24 dBm 802.11 a/n Angle H: 60°; V: 16° IP65 1 10/100 M RJ45 1 10/100 M RJ45 with passive PoE input	Outdoor 5 GHz wireless bridge CPE Range up to 15 km 2 × 2 MIMO antenna with 300 Mbps throughput 15 dBi gain Output power 27 dBm 802.11 a/n Angle H: 40°; V: 15° IP65 1 10/100 M RJ45 1 10/100 M RJ45 with passive PoE input

## Elevator Wireless Bridge

	DS-3WF01C-2N/0	DS-3WF02C-5N/0
Model		
Description	Elevator 2.4 GHz wireless bridge Range up to 100 m 2 × 2 MIMO antennas with 300 Mbps throughput 8 dBi gain Output power 20 dBm IEEE802.11 b/g/n Angle H: 65°; V: 30° 1 10/100 M RJ45 with 12 v/1 A passive PoE input	Elevator 2.4 GHz wireless bridge Range up to 500 m 2 × 2 MIMO antennas with 300 Mbps throughput 6 dBi gain Output power 27 dBm IEEE802.11 b/g/n Angle H: 65°; V: 60° 2 10/100 M RJ45 1 10/100 M RJ45 with 802.3 af PoE

# CABLES

## Network Cables

	DS-1LN5E-S	DS-1LN6-UU
Model		
Description	UTP CAT 5E 305 meters Core diameter: 0.5 mm Solid Copper CM Gray	UTP CAT 6 305 meters Core diameter: 0.565 mm Solid Copper CM Orange

# RECOMMENDED OPTIONS



Hikvision provides the kinds of solutions the retail sector needs most: high-level security, profitable analytics, and cost-effective implementation.

IPC ≤ 100-ch	
Type	Model
Aggregation Switch	DS-3E15xx-EI
Access Switch	DS-3E11(3)xxP-EI
Access Switch	DS-3E13(5)xxP-SI
Access Switch	DS-3E01(3)xxP-E(B)
Access Switch	DS-3E01(3)xxP-E/M(B)



Hotels require inconspicuous, round-the-clock security for the safety of guests and property. Our solutions provide stable and continuous protection while handling large amounts of data.

100-ch < IPC ≤ 300-ch	
Type	Model
Aggregation Switch	DS-3E2528
Access Switch	DS-3E11(3)xxP-EI
Access Switch	DS-3E01(3)xxP-E(B)
Access Switch	DS-3E01(3)xxP-E/M(B)
Access Switch	DS-3E05xxP-E
Optical Module	HK-SFP-1.25G-20-1310 HK-SFP-1.25G-20-1550



Large commercial buildings host many separate entities. Therefore, a network capable of handling large amounts of data is essential for such scenarios. Hikvision does it all.

300-ch < IPC ≤ 500-ch	
Type	Model
Core Switch	DS-3E3740
Core Switch	DS-3E3756TF
Aggregation Switch	DS-3E2528
Access Switch	DS-3E11(3)xxP-EI
Access Switch	DS-3E01(3)xxP-E(B)
Optical Module	HK-SFP-1.25G-20-1310 HK-SFP-1.25G-20-1550

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