

## DS-3E0524TF Switch

### Introduction

The Hikvision DS-3E0524TF Series Unmanaged Switch is layer 2 network switches, providing 12 Gigabit Ethernet electrical ports and 12 Gigabit SFP fiber optical port. It is reliable, easy to install and maintain, and equipped with rapid switch function. It has multiple access ports, and is applicable for access or aggregation and upload of small-scale LAN devices. It applies to center area and can access to camera and NVR, in charge of small-scale core data exchange.



### Features and Functions

- Gigabit network data-exchange
- 12 Gigabit Ethernet electrical ports and 12 Gigabit Ethernet SFP fiber optical port
- 10/100/1000M BaseT (X)(RJ45 ports)
- IEEE802.3, IEEE802.3u and IEEE802.3x network standards available
- Store-and-forward switch
- Delay of data-exchange less than 5us
- Wide temperature Range: -5 ~ 50 °C
- Solid metal chassis of high strength
- 19 Inches 1U standards rack installation

### Applicable Models

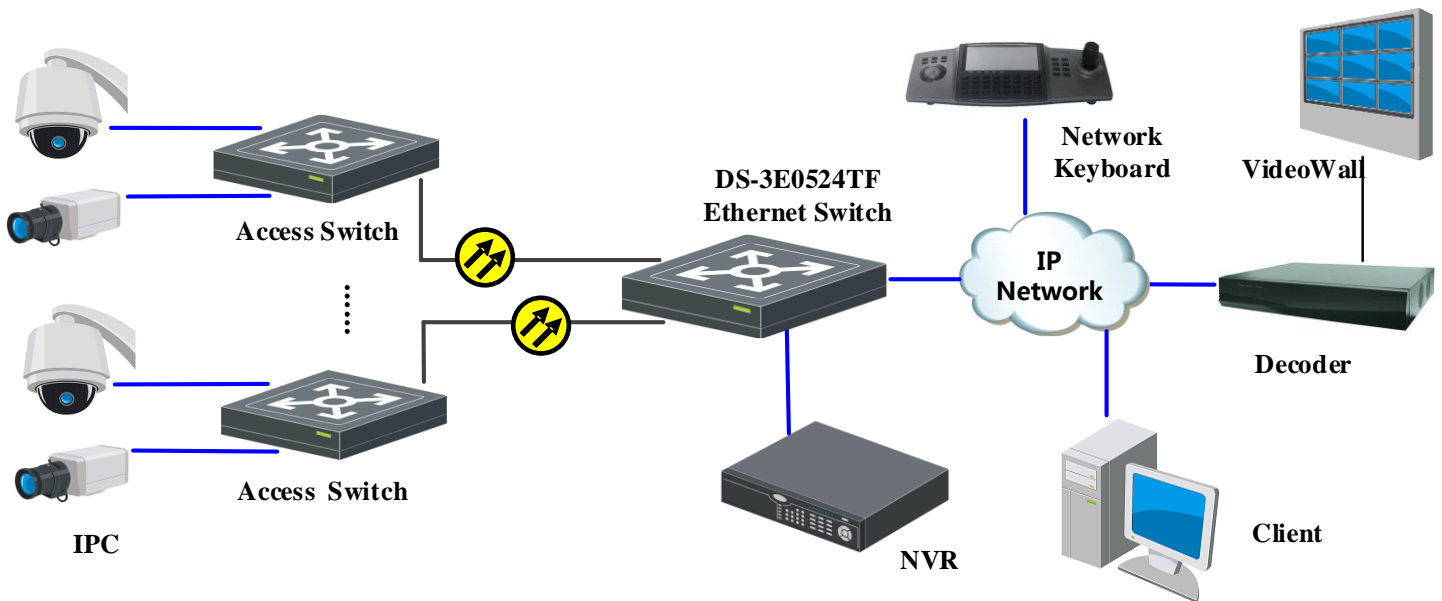
- DS-3E0524TF



## Specifications

Model	DS-3E0524TF
<b>Network parameters</b>	
Port number	12 Gigabit Ethernet electrical ports and 12 Gigabit SFP fiber optical port
Port type	Electrical ports: RJ45, Full/half duplex, MDI/MDI-X self-adptive Fiber optical port: SFP packaging
Standard	IEEE802.3, IEEE802.3u, IEEE802.3ab, IEEE802.3x
Processing type	Store-and-forward switching
Priority queue	8
Mac address table	16 K
Switching bandwidth	48 Gbps
Packet forwarding rate	35.7 Mpps
Internal cache	12 Mbit
<b>Mechanical structure</b>	
Shell	Metal material
Weight	2.5 kg
Dimensions (L × H × D)	440 × 44.5 × 186.5 mm (17.3 × 1.8 × 7.3 inch)
<b>Environment</b>	
Operating temperature	-5 °C to +50 °C (+23 °F to +122 °F)
Storage temperature	-40 °C to +85 °C (-40 °F to +185 °F)
humidity	5% to 95% (no condensation)
<b>Power supply</b>	
Power supply	220 VAC
Consumption	≤ 30 W
<b>Safety and reliability</b>	
ElectroStatic Discharge (ESD)	Contact discharge: ±7 KV Air discharge: ±9 KV
Surge immunity(Surge)	Power port: line-ground ±2 KV, line-line 1 KV Network port: line-ground ±2 KV
Electrical fast transient(EFT)	Power port: ±2 KV Network port: ±1 KV

## Typical Application



Distributed by



## HIKVISION®

### Headquarters

No.555 Qianmo Road, Binjiang District,  
Hangzhou 310051, China  
T +86-571-8807-5998  
overseasbusiness@hikvision.com

**Hikvision USA**  
T +1-909-895-0400  
sales.usa@hikvision.com

**Hikvision Italy**  
T +39-0438-6902  
info.it@hikvision.com

**Hikvision Singapore**  
T +65-6684-4718  
sg@hikvision.com

**Hikvision Africa**  
T +27 (10) 0351172  
sale.africa@hikvision.com

**Hikvision Europe**  
T +31-23-55-42-770  
info.eu@hikvision.com

**Hikvision France**  
T +33(0)1-85-330-450  
info.fr@hikvision.com

**Hikvision Oceania**  
T +61-2-8599-4233  
salesau@hikvision.com

**Hikvision Hong Kong**  
T +852-2151-1761

**Hikvision Middle East**  
T +971-4-8816086  
salesme@hikvision.com

**Hikvision Spain**  
T +34-91-737-16-55  
info.es@hikvision.com

**Hikvision Canada**  
T +1-909-895-0400  
sales.usa@hikvision.com

**Hikvision Russia**  
T +7-495-669-67-99  
saleru@hikvision.com

**Hikvision Poland**  
T +48-22-460-01-50  
potand@hikvision.com

**Hikvision Korea**  
T +82-31-731-8841  
sales.korea@hikvision.com

**Hikvision India**  
T +91-22-28469900  
sales@pramahikvision.com

**Hikvision UK**  
T +01628-902140  
support.uk@hikvision.com

**Hikvision Brazil**  
T +55 11 3318-0050  
Latam.support@hikvision.com