ES2402-16P-2C-V3

16-Port Fast Ethernet Web Smart Switch POE-AT with 2 x Gigabit Uplinks

Overview

The IFS ES Series of Web Smart PoE+ Switches are designed to be a cost-effective network switch solution for small to mid sized IP camera surveillance systems. The switches are available in 8-, 16- or 24-port Fast Ethernet PoE+ configurations with all versions having two additional GigE RJ45/SFP ports. Allowing for basic management and PoE functionality, the switches meet the basic need of providing Fast Ethernet ports for IP cameras with GigE ports for NVR/Server connections.

The IFS ES Series of Web Smart Switches support basic Layer 2 features, such as VLANs, QoS, Link Aggregation, Port Mirroring, Spanning Tree, IGMP Snooping and basic security. In addition, these switches provide both IEEE802.3-af/at power on each port (up to the maximum total power budget) and offer full PoE management features. With a unique PoE usage LED meter on the front panel, these switches allow users to monitor total power budget usage without having to connect to a PC.



Details

- 16-Port 10/100 Mbps Fast Ethernet ports with PoE-AT
- Up to 250 m (with PoE) 10-BaseT mode
- 2x 10/100/1000 Mbps TP combo interfaces and 2 mini-GBIC/SFP slots (100/1000)
- Easy web-based management
- Supports auto-negotiation and half-duplex/full-duplex modes for all 10Base-T/100Base-TX and 1000Base-T ports
- Security Control: MAC Address binding and TCP & UDP filtering
- QOS support: allows to assign low / high priority on each port
- IGMP snooping for better control of multicast streams
- Port mirroring to monitor the incoming or outgoing traffic on a particular port
- Complies with IEEE 802.3at Power over Ethernet
- Supports up to 16 POE-af devices or 8 POE-at devices at full power
- Up to 240 W total POE power

ES2402-16P-2C-V3

16-Port Fast Ethernet Web Smart Switch POE-AT with 2 x Gigabit Uplinks

Technical specifications

General

Storm control	Broadcast
Security	MAC address binding, TCP/UDP filtering
DHCP snooping	No

Category

Category	Commercial
Management	Web Smart
Managed	Yes (Layer 2)
PoE	Yes

Physical ports

No. of ports	16
Port type	16 Fast / 2 Gig (shared with SFP)
Speed	Fast
PoE/PoE+	16 Port PoE/7 Port PoE+
Fiber port	2 (shared)
Supported SFPs	S2x and S3x series, S30/S35 series
SFP speed	100/1000

Switch performance

Switch fabric	7.2 Gbps
Throughput (Mpps)	5.35
Mac table	16 K
Jumbo frame support	10 K

Layer 2 Functions

Management interface	Web
IGMP snooping	255 Group, Snooping v1, v2, v3
IGMP query	Without Query supported
VLAN, QoS	30, yes

Electrical

PoE power budget	240 W
Redundant power	No
Power supply type	100 to 240 VAC
Power consumption	274 W (max.)

Physical

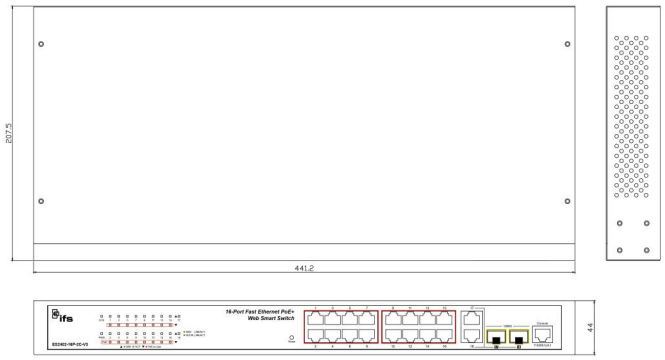
Physical dimensions	440 x 208 x 44 mm
Net weight	2.8 kg
Colour	Black
Material	Metal
Mounting type	19" rack
Stackable	No

Environmental

Operating temperature	0 to +50°C
Storage temperature	-10 to +70°C
Relative humidity	20 to 95% noncondensing
Environment	Indoor

Regulatory

Compliancy	CE, FCC Part 15 Class A
Standards	IEEE 802.3 10Base-T IEEE 802.3u 100Base-TX IEEE 802.3z Gigabit SX/LX IEEE 802.3ab Gigabit 1000Base-T IEEE 802.3af Power over Ethernet IEEE 802.3x Flow Control and Back Pressure IEEE 802.3ad: Port trunk with LACP IEEE 802.1d Spanning Tree Protocol IEEE 802.1w Rapid Spanning Tree Protocol IEEE 802.1p Class of Service IEEE 802.1Q VLAN Tagging IEEE 802.1x Port Authentication Network Control



As a company of innovation, Kidde Global Solutions reserves the right to change product specifications without notice. For the latest product specifications, visit firesecurityproducts.com online or contact your sales representative.

Last updated on 16 June 2026 - 15:25