ES2402-8P-2C-V3

8-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.



Détails

- 8-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
- PD Alive Checking
- 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 8 POE-af devices or 4 POE-at devices at full power
- Up to 120 W total POE power

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Spécifications techniques

Général

Contrôle orage	Broadcast
Sécurité	MAC address binding, TCP/UDP filtering
Recherche DHCP	Oui

Catégorie

Catégorie	Commercial
Gestion	Web Smart
Géré	Oui (Layer 2)
PoE	Oui

Ports physiques

Nombre de ports	8
Type de port	8 Fast / 2 Gig (shared with SFP)
Vitesse	Rapide
PoE / PoE+	8 Port PoE/4 Port PoE+
Port fibre	2 (partagé)
Prise en charge SFP	Série S2x et S3x, Série S30/S35
Vitesse SFP	100/1000

Performances des commutateurs

Structure de commutation	5.5 Gbps
Débit (Mpps)	4.17
Table MAC	16 K
Jumbo frame support	10 K

Fonctions de la couche 2

Interface de gestion	Web
Surveillance IGMP	255 Group, Snooping v1, v2, v3
Requête IGMP	Without Query supported
VLAN, QoS	30, yes

Électrique

Budget d’alimentation PoE	120 W
Alimentation redondante	Non
Type de bloc d’alimentation	100 à 240 VCA
Consommation électrique	160 W (max.)

Caractéristiques physiques

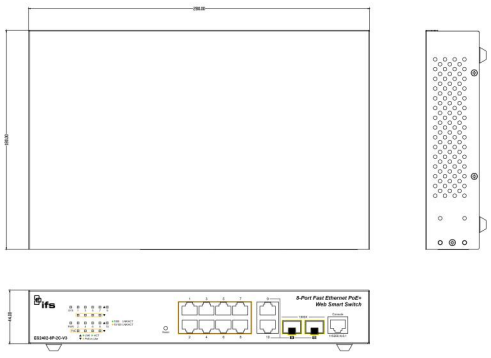
Dimensions physiques	280 x 180 x 44 mm
Poids net	1.6 kg
Couleur	Noir
Matériel	Métal
Type de montage	Sur table, Montage en rack
Empilable	Non

Environnement

Température de fonctionnement	0 to +50°C
Température de stockage	-10 to +70°C
Humidité relative	20 to 95% noncondensing
Environnement	Intérieur

Régulateur

Conformité	CE
Normes	IEEE 802.3 10Base-T IEEE 802.3u 100Base-TX IEEE 802.3z Gigabit SX/LX IEEE 802.3ab Gigabit 1000Base-T IEEE 802.3at 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



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