

Managed Ethernet Switches

Fast Ethernet 10/100Base-TX

Gigabit Ethernet 10/100/1000Base-TX

A range of managed Ethernet switches available in 10/100Mbps and 10/100/1000Mbps models, all with two gigabit fibre uplink ports. The switches are powered via an external power adapter and have a compact footprint, 19 inch rack mount kits are available for the SWH-2126G and SWH-3124GSFP models.



Features

- Comply with IEEE 802.3 10BASE-T, 802.3u 100BaseTX, 802.3ab 1000Base-T*, & 802.3z 1000Base-X* standards
- Comply with IEEE 802.3 ah OAM standard
- Comply with IEEE 802.1p Priority
- Comply with IEEE 802.1q Tag VLAN
- Store and Forward Switching Mechanism
- Auto-Cross over for MDI/MDIX in TP port
- Auto-Negotiation in TP port
- Power/FDX/FX & TP Link Activity/FDX/TP Speed/Status LED
- Frame Jumbo up to 9728bytes*
- Link Pass Through
- QoS Classification based on TOS
- Selectable ISP Ethernet Tag Type*
- Q-in-Q VLAN Tunneling
- Bandwidth Control Configuration
- Compatible with CIII-CHASSIS Module Management
- Compatible with CIII-CHASSIS Module H/W specification
- IN-BAND Loop Back and Diagnostic
- Local port management function
 - State Monitor
 - Enhanced Port Monitor
 - Port Configuration
- Remote port management function
 - State Monitor
 - Port Configuration
- In-Band Module F/W upgrade

Note: * supported on 10/100/1000Mbps CIII-3512BTFX/W2X/SFP modules only

Specifications

Interface	SWH-2126GSFP	SWH-3114FX/W2X	SWH-3124GSFP
TP Port – 10/100Base-TX, RJ45	√ (24)		
TP Port – 10/100/1000Base-T, RJ45		√ (12)	√ (22)
Uplink Gigabit Fibre Ports – 1000Base-X Ports	√ (2)		
Uplink Combo Ports – 10/100/100Mbps copper and 1000Mbps SFP		√ (2)	√ (2)
Standards			
IEEE 802.3 10Base-T, IEEE 802.3u 100Base-TX/FX	√		
IEEE 802.3ab 1000Base-T, IEEE 802.3z 1000Base-X		√	√
IEEE 802.1p Priority, IEEE 802.1q Tag VLAN	√	√	√
IEEE 802.1w Rapid Spanning Tree, IEEE 802.3ad Link Aggregation	√	√	√
LED			
Power, Console, Port Status	√	√	√
Power			
External Power Adapter, Input: AC 120V to 240V, Output: DC 12V	14W	15W	35W
Environmental Conditions			
Operation: 0°C-50°C, Storage: -20°C-60°C, Humidity: 5% - 90% non-condensing	√	√	√
Dimensions and Weight			
Size – (WxDxH), Weight	240x200x44mm 2.48KG	240x155x34mm 1.75KG	240x200x44mm 2.5KG
Emission/Safety	FCC Class A, CE	FCC Class A, CE	FCC Class A, CE

Order Information

Model	Fibre Port				TP Port		
	Speed	Type	Connector	Distance	Ports	Speed	Ports
SWH-2126GSFP	1000	SFP	-	-	2	10/100	24
SWH-2126GSFP-RMK	1000	SFP	-	-	2	10/100	24
SWH-3114FC	1000	MM	SC	550M	2	10/100/1000	12
SWH-3114FC(SM-10/20/30/50/80)	1000	SM	SC	10/20/30/50/80KM	2	10/100/1000	12
SWH-3114W2A(SM-10/20/40)	1000	WDM	SC	10/20/40KM	2	10/100/1000	12
SWH-3114W2B(SM-10/20/40)	1000	WDM	SC	10/20/40KM	2	10/100/1000	12
SWH-3114FC-F1	1000	MM	SC	550M	1	10/100/1000	12
		SFP	-	-	1		
SWH-3114FC(SM-10/20/30/50/80)-F1	1000	SM	SC	10/20/30/50/80KM	1	10/100/1000	12
		SFP	-	-	1		
SWH-3114W2A(SM-10/20/40)-F1	1000	WDM	SC	10/20/40KM	1	10/100/1000	12
		SFP	-	-	1		
SWH-3114W2B(SM-10/20/40)-F1	1000	WDM	SC	10/20/40KM	1	10/100/1000	12
		SFP	-	-	1		
SWH-3114SFP	1000	SFP	-	-	2	10/100/1000	12
SWH-3124GSFP	100/1000	SFP	-	-	2	10/100/1000	24
SWH-3124GSFP-RMK	100/1000	SFP	-	-	2	10/100/1000	24
SWH-3124GSFP-AG	100/1000	SFP	-	-	2	10/100/1000	24
SWH-3124GSFP-AG-RMK	100/1000	SFP	-	-	2	10/100/1000	24