

Industrial Network Projects

Gigabit L2 plus Managed Switch series



8/16/24-Port 10/100/1000M with SFP Slots L2 + Managed Gigabit Switch

TCXK-MSW13004-12/TCXK-MSW13005-12/TCXK-MSW13006-12



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The TCXK-MSW13004_6-12 is a cost-effective high performance Layer 2 plus Managed Gigabit Switch series with the following port configurations: 8-port 10/100/1000 with 2 SFP slots, 16-port 10/100/1000 with 2 SFP slots, and 24-port 10/100/1000 with 4 SFP slots. They represent the successor of the current TCRC-MSW13002-07 switch, which is a 16-port Fast Ethernet switch with SFP slot. The new TCXK-MSW13004_6-12 series is equal or alike in architecture/look-and-feel, dimensions, and management.

Features:

- 8/16/24-Port 10/100/1000BaseT(X), 2/4 SFP Slots
- Successor models to 16-port Fast Ethernet Switch TCRC-MSW13002-07
- Depth of 117 mm only for 8/16-port models (TCRC-MSW13002-07 has 105 mm)
- Most recent Chipsets (VSC7424-02/ VSC7425-02/VSC7426-02)
- Features supported such as Link Aggregation, Spanning Tree, IGMP, Jumbo Frame
- Management including CLI, Web based, Telnet, SNMP, and Event/Error log
- Steel case, desktop or wall-mounting design
- Internal power supply
- All 3 models have the following certifications: CE, FCC (Class A), UL 60950-1:2011 (2nd Edition), and CCC



✓
RoHS

CE

FCC









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Specifications:

Items	Specifications		
Models	TCXK-MSW13004-12	TCXK-MSW13005-12	TCXK-MSW13006-12
10/100/1000BASE-T	8	16	24
GbE SFP Slot (100M/1000Mbps)	2(Port9, Port10)	2(Port17, Port18)	4(share with Port21~ 24)
CPU	416MHz MIPS 24KEc CPU as the main processor which integrated on switch controller.		
Memory	Flash : SPI 16MB / RAM:DDRII 128MB		
Packet buffer	512KB		
MAC Table size	8K		
Max Packet Size	9600 Bytes		
Switching capability	14880pps at 10Mbps, 148810pps at 100Mbps, 1488095pps at 1Gbps with 64bytes packets.		
Switch capacity	20Gbps	36Gbps	48Gbps
Forwarding Rate	14.8Mpps	26.7Mpps	35.7Mpps
FAN Design	FAN less		
Console port	D-Sub 9		
19" Rack-Mount	Yes, with kits		
SFP DDMI	Yes		
Dimension	250(W) x 117(D) x 37(H) mm		330(W) x 254(D) x 43(H) mm
MTBF	154099 hours	118507 hours	98067 hours
Environmental Temperature	Operating: 0 ~ 50°C Storage: -40 ~ 70°C		
Humidity	10% ~ 90% (non-condensing)		
LED Display	Per Port : Link/Act (Green: Gigabit, Yellow:10/100M) Per Device : Power, System		Per Port : Link/Act (Green: Gigabit, Yellow:10/100M), Per Device : Power, System
Power Consumption	8,5W	14W	18W
Power Input	AC Power input (100V~240V)		
Certifications	CE, FCC (Class A), UL IEC 62368-1 (2nd Edition), CCC		
	     		

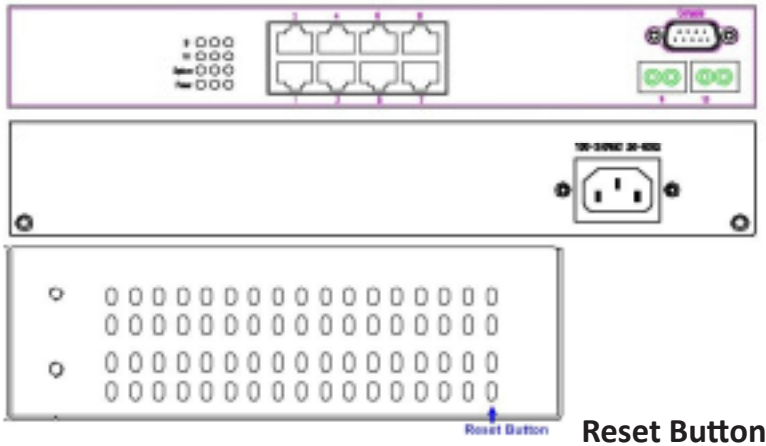
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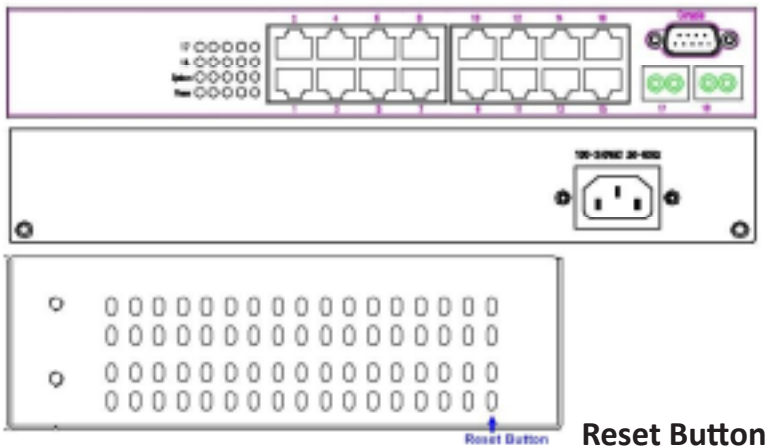


Mechanical:

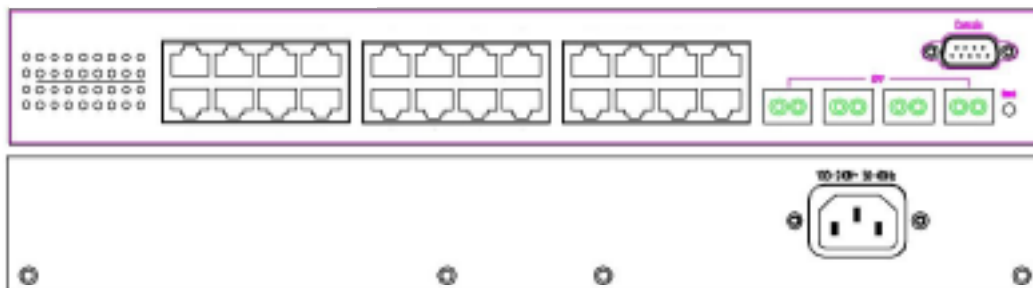
TCXK-MSW13004-12



TCXK-MSW13005-12



TCXK-MSW13006-12



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More Information:

- CE, UL (CB), CCC conform
- Switches will be pre-configured (IP addresses) according to your requirements
- Your version will be frozen for you! No hardware or software changes without prior approval from customer
- Can be provided with SFP modules pre-installed
- 19" Rock Mount Kit included
- Management Features such as VLAN's implemented:
 - Security
 - Spanning Tree
 - QoS

TCCS Part No	Description	
TCXK-MSW13004-12	8-Port 10/100/1000M with SFP Slots L2 + Managed Gigabit Switch	8-port 10/100/1000BASE-T + 2 GbE SFP Port L2 SNMP Switch
TCXK-MSW13005-12	16-Port 10/100/1000M with SFP Slots L2 + Managed Gigabit Switch	16-port 10/100/1000BASE-T + 2 GbE SFP Port L2 SNMP Switch
TCXK-MSW13006-12	24-Port 10/100/1000M with SFP Slots L2 + Managed Gigabit Switch	20-port 10/100/1000BASE-T + 4 GbE Combo(RJ45/SFP) Port L2 SNMP Switch
	Accessories: GBIC (Gigabit Interface Converter) / mini GBIC modules	On request
	Accessories : BiDi (mit BiDi-Wellenlängen) mini GBIC/GBIC module	On request



Last update: 2021
Errors exempted.