



## ESH-3105FX / W2X

4 Ports 10/100/1000Base-T Managed Ethernet Switch with 1 Port 1000Base-X Uplink

### KEY FEATURES

- Comply with IEEE 802.3 10BASE-T, 802.3u 100BASE-TX , 802.3ab 1000BASE-T & 802.3z 1000BASE-X standards
- Four 10/100/1000Base-T ports and one 1000Base-X port
- Store and Forward Switching Mechanism
- Auto-Cross over for MDI/MDIX in TP port
- Auto-Negotiation in TP port
- Support Power/WAN/Status/TP Link Act /TP Speed LED
- Support 128KB packet buffer
- Support 4K MAC address
- Support Jumbo frame on all ports up to 9K bytes size
- Support IEEE 802.3ah OAM network management
- Support IEEE 802.1ag CFM
- Comply with IEEE 802.1p Priority
- Comply with IEEE 802.1q Tag VLAN
- Support Selectable ISP Ethernet Tag Type
- Support Port Based IEEE 802.1p remarking and queuing for four queues
- Support Double VLAN tags ( Q-in-Q )
- Support IGMP Snooping v1,v2
- Support SNMP v1,v2c, network management
- Support private , RFC-1213 , RFC-1757 RMON MISs
- Support Rate Limit Control
- Support RADIUS Authentication
- Support even syslog
- Support DHCP client and auto configure
- Support DoS attack prevention
- Support SNMP/Telnet/Console/Web/CLI Managed interface
- Support FTP/TFTP Firmware Upgrade
- Build in Cable Tray



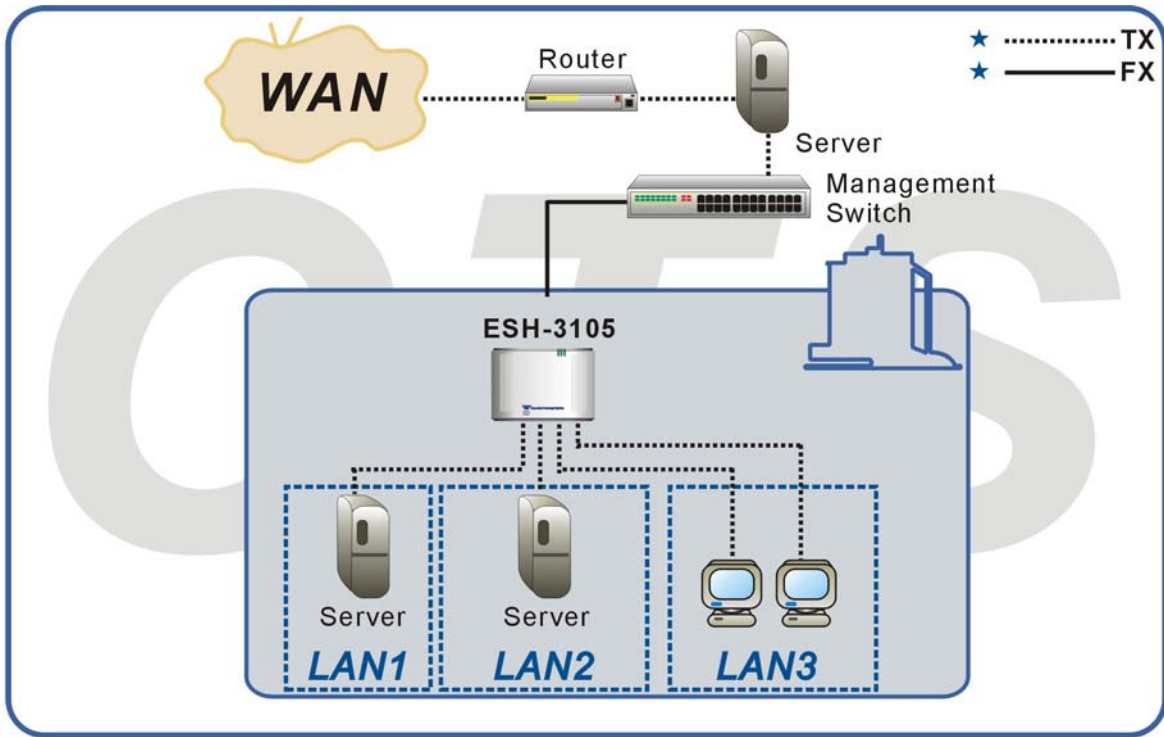
Mark \* means coming soon

### DESCRIPTIONS

ESH-3105FX Switch from Connection Technology Systems adapts the emerging CTS technology and able to expand a copper based network to fiber and distance from 100M up to 100KM through a Optical fiber.. In addition, built-in Switching ASIC has turned ESH-3105FX/W2X's function just like a 5 ports switch. User now may double their existing optical fiber bandwidth and upgrade their existing 10/100/1000Base-T network easily and more cost effectively.

ESH-3105FX/W2X is fully compliant with IEEE802.3, 802.3u, 802.3ab, 802.3z standards. The installation & operation procedures of ESH-3105FX/W2X are simple & straightforward. Diagnostic LEDs located in the front panel indicate the real time operating status.

# APPLICATION



# SPECIFICATIONS

## Management

Protocol : SNMP , Console ,WEB , CLI

## Standard

IEEE 802.3 10Base-T  
IEEE 802.3u 100Base-TX/FX  
IEEE 802.3ab 1000Base-T  
IEEE 802.3z 1000Base-X  
IEEE 802.3ah EFM  
IEEE 802.1ag CFM  
IEEE 802.1q Tag VLAN  
IEEE 802.1p Priority

## Interface

10/100/1000Base-T RJ-45 Port: x 4  
1000Base-X Port: x 1  
DB-9 (DTE) console port x 1

## LED

Power, WAN, STATUS, Link/Act, Speed

# ORDER INFORMATION

## Multi-Mode

ESH-3105FC

## Single-Mode

ESH-3105FC(SM-10/20/30/50/80)

## Single-Mode-WDM

ESH-3105W2A(SM-10/20/40)  
ESH-3105W2B(SM-10/20/40)

## MAC table & Memory buffer

MAC Address Table: 4K  
Memory Buffer: 128K Byte  
Ethernet Tag Type: Selectable  
Max. Frame Size: 9728 byte

## Forward / Filter Rate

10M: 14,880/14,880pps  
100M: 148,800/148,800pps  
1000M: 1,488,000/1,488,000pps

## Power

External Power adapter  
Input AC120V~240V  
Output DC12V  
Power consumption: 9W

## Typical Operation Temperature

Operation: 0°~50°C  
Storage Temperature: -20°~60°C  
Humidity: 5%~90% non-condensing

## Dimension and Weight

210x 147x 50mm(W x D x H)  
Shipping Weight: 1.2KG

## Emission/Safety

FCC Class A  
CE

\*For further reports, please contact us for update