

**Model: YH614F-SC20**



**RoHS**

## Overview

Industrial Media Converter, 4 Port 10/100Mbps ports and 1 port 100Mbps SC Fiber, for connecting with devices like computer, switch, hub, server, etc, as well as powering network camera, industrial VoIP phone, wireless AP and other PoE supported devices. Specially designed for harsh outdoor applications. Its 3KV network port surge protection can adapt to harsh outdoor environment and ensure the reliability of the uninterrupted PoE system. Power input also chooses industry-standard types of power



## Features

- 4 Port 10/100Mbps , 1 port 100Mbps SC
- Automatic MAC address learning and aging
- Automatically support IGMP (Multicasting)
- 10/100Mbps Auto-negotiation , auto-MDI-MDI-X
- LED indicators for monitoring power/link/activity
- Supports 10/100Mbps-Full/Half-duplex
- Supports Wall-mount and DIN-Rail installation for lightning protection
- Supports Daisy-Chain connection
- Supports Broadcast Storm Control
- Supports Relay output for power failure
- Super lightning protection, IP40 protection.
- Excellent heat elimination without cooling fan.
- Redundant dual DC power inputs.
- Redundant Power Inputs
- Apply to Urban Intelligent Traffic Monitoring System (ITS), Safe City.
- Harsh industrial environment or higher requirement
- -40°C~+85°C operating temperature range.

## Warranty

- 5-Year Warranty



## Technical Specification

Product Name	4 Port 10/100M Industrial Media Converter
Product Model	YH614F-SC20
Interface	4x10/100Base-T port + 1x 100Mbps SC Fiber
Network Protocols	IEEE802.3 10BASE-T; IEEE802.3i 10Base-T;IEEE802.3u;100Base-TX/FX; IEEE802.3ab 100Base-T; IEEE802.3z 100Base-X; IEEE802.3x; IEEE802.3af, IEEE802.3at
Network Media	10BASE-T: Cat3,4,5 UTP(≤100 meter) 100BASE-TX: Cat5 or later UTP(≤100 meter) 1000BASE-TX: Cat6 or later UTP(≤100 meter)
Fiber Media	Multi-mode: 2KM Single-mode: 20/40/60/80KM
Performance Specification	Bandwidth: 1Gbps Packet Buffer Memory:512K Packet Forwarding Rate:148800pps/port MAC Address Table: 1K
Forwarding Mode	Store-and-Forward
Protection	6KV Lightning protection, IP40 protection
LED Indicators	Power: PWR; Link; Link/Act
Power Supply	Input Voltage: DC10~57V)/Terminal block



Other Specifications	
Working Environment	Working temperature: -40~+85°C ; Storage temperature: -45~+85°C Relative Humidity: 5%~95 %( no condensation)
Industry Standard	FCC CFR47 Part 15,EN55022/CISPR22, Class A EMS: IEC6100-4-2 (ESD): ± 8kV (contact), ± 15kV (air) IEC6100-4-3 (RS): 10V/m (80MHz-2GHz) IEC6100-4-4 (EFT): Power Port: ± 4kV; Data Port: ± 2kV IEC6100-4-5 (Surge): Power Port: ± 2kV/DM, ± 4kV/CM; Data Port: ± 2kV IEC6100-4-6 (CS): 3V (10kHz-150kHz); 10V (150kHz-80MHz) IEC6100-4-16 (Common mode conduction): 30V (cont.), 300V (1s)
Shell	IP40 protect grade, metal shell
Installation	DIN-Rail or Wall mounts
Packing List	1× Industrial PoE Switch (plus terminal block) 1× User Manual/Certificate of quality/Warranty card 1× DIN-Rail mounting kit
Certification	CE mark, commercial; FCC Part 15 Class B; VCCI Class B EN 55022 (CISPR 22), Class B
MTBF	300,000 hours
Weight & Size	Product Weight: 0.36 KG Packing Weight: 0.46 KG Product size (L×W×H): 128mm× 95cm× 33mm Packing size(L×W×H): 222mm× 22mm× 70mm
Warranty	5-years