

# Gigabit POE Media Converter

## Features

- Provide one Gigabit PoE electric interface, one Gigabit optical interface
- Fanless design, IP30 protection grade, Impact resistant metal shell
- Applicable voltage range 48~52V DC, Low power consumption
- Meet the requirements of electromagnetic compatibility EMC industrial grade 4 (anti-lighting, static electricity, surge, group pulse)
- Applicable to -20°C~60°C working environment
- Support 802.3af / at standard POE output
- PoE Extended mode up to 300m configuration (by dip-switch)
- LFP (Link Fault Passthrough) On/Off configuration (by dip-switch)

## Technology

Main Supported Standard:

IEEE 802.3 10BaseT; IEEE 802.3u 100BaseT

IEEE 802.3ab 1000BaseT and IEEE 802.3z 1000BaseFX

IEEE 802.3af & IEEE 802.3at PoE

## Switch Properties

Backboard bandwidth: 4Gbps

Oversized frame rate: 10KB

Message cache size: 1Mbits

Packet forwarding rate: 2.98Mpps

## Interface

Optical interface: 1000Mbps (Interface type: SFP slot)

Ethernet interface: 10/100/1000Mbps self-adaptation, Full/Half duplex

Mode support MDI/MDI-X. transmission distance 0-100m;

LED indicator: PWR, Link/ACT, SPD, POE

## Power Supply

Input voltage: 48~52V DC

Input current: max 0.6A with POE

## Environmental Constraint

Working temperature: -20 ~ 60°C (-4 ~ 140°F)

Storage temperature: -40 ~ 85°C (-40 ~ 185°F)

Environment relative humidity: 5 ~ 95% (non-condensing)



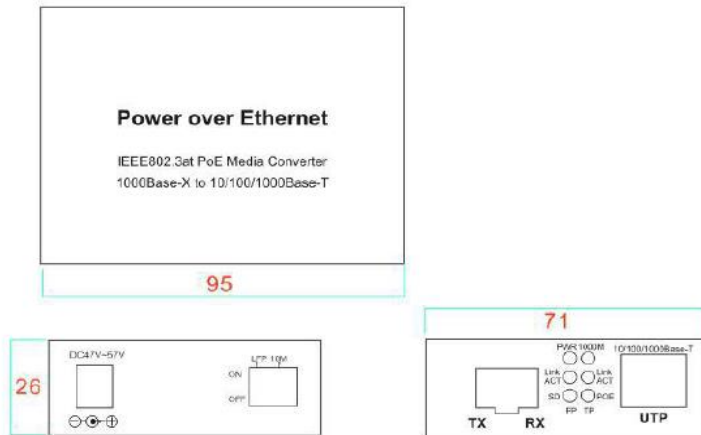
## Physical Properties

Housing: metal, IP30 protection

Weight: 200g

Installation mode: desktop installation, wall-mounted installation

Dimension: 95mm\*71mm\*26mm



## Standard and Certification

EMI: FCC Part 15/CISPR22 (EN55022) : Class A

EMS: IEC61000-4-2 (ESD) class 4, IEC 61000-4-3 (RS) class 3, IEC 61000-4-4 (EFT) class 4,

IEC 61000-4-5 (Surge) class 4, IEC 61000-4-6 (CS) class 3

Vibration resistance: IEC 60068-2-6

Impact resistance: IEC 60068-2-27

Free falling: IEC 60068-2-32

MTBF (mean time between failures)

Time: 500000 h

## Warranty

warranty: 3 years

## Packaging List

- PoE Media Converter
- Power Supply unit
- AC Cable
- User Manual