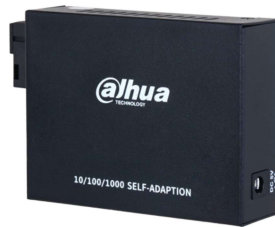


DH-OTE100T-G

Ethernet Optical Transceiver



- The Ethernet optical transceiver easily adapts to non-standard indoor machine rooms.
- Ideal for scenes that require large bandwidth and long distance transmission.
- Provides electro-optical switching for transmission between devices.
- Highly reliable and has protection against lightning.

System Overview

The Ethernet Media Converter comes with a gigabit Ethernet port and a gigabit SC optical port. It supports a transmission wavelength of 1,310 nm and a reception wavelength of 1,550 nm. The transmitting device must be used together with the receiving device.

Functions

Plug and Play

Hassle-free, it does not require any configuration. Simply use after it is powered on.

Wide Operating Temperature

Supports working at ambient temperatures of -10°C to $+55^{\circ}\text{C}$, and has built-in professional lightning-proof circuits that effectively reduce the impact of thunderstorms on network systems and improve system robustness, allowing the device to adapt to harsh environments.

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Thanks to the excellent architecture, operating reliability is increased. The switch can keep running all the time.

Scene

Suitable for scenes that require long distance data transmission, such as schools, enterprises, hospitals, government and chain business.

Specification

Hardware

Wavelength	1310 nm TX, 1550 nm RX
Built-in Optical Module	Yes
Input Voltage	5–12 VDC
Max. Power Consumption	<2 W
Operating Temperature	-10°C to $+55^{\circ}\text{C}$ (14°F to $+131^{\circ}\text{F}$)
Operating Humidity	5%–95% (RH), non-condensing
Storage Temperature	-10°C to $+60^{\circ}\text{C}$ (14°F to $+140^{\circ}\text{F}$)
Storage Humidity	5%–95% (RH), non-condensing
Optical Fiber Type	Single-Mode Fiber
Optical Port Type	SC
Type	Fixed
Casing Material	Steel

Performance

Ethernet Port Speed	1 × 10/100/1000Base-T
Optical Port Speed	1 × 1000Base-X
Transmission Distance	20 km

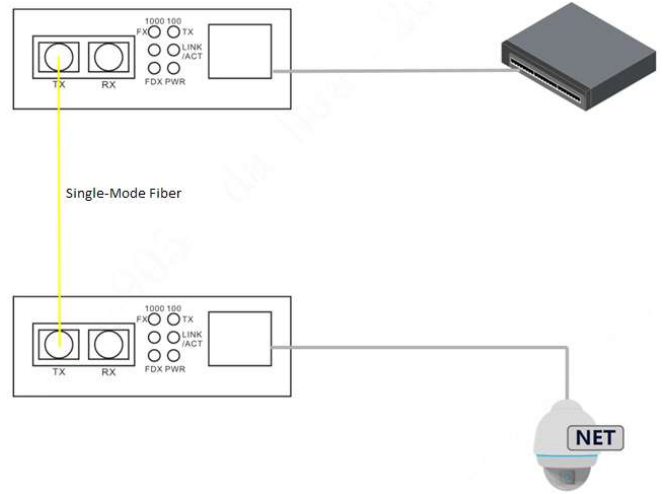
General

Heat Dissipation	Natural heat dissipation
Protection	IP30
Product Dimensions	105 mm × 70 mm × 26 mm (4.13" × 2.76" × 1.02") (L × W × H)
Packaging Dimensions	212 mm × 118 mm × 58 mm (8.35" × 4.65" × 2.28") (L × W × H)

Ethernet Optical Transceiver | DH-OTE100T-G

Net Weight	0.15 kg (0.33 lb)
Gross Weight	0.3 kg (0.66 lb)
Installation	Desktop; integrated cabinet; wall mount (need to customize hanger)
Certifications	CE

Application



Dimensions (mm[inch])

