

# AI-SFP25 SFP Module

#### **Features and Functions**



- Single Power Supply 3.3V
- Small Form Factor Pluggable (SFP) MSA Compatible
- Single Fiber Bi-Direction LC Connector
- Hot Pluggable Capability
- Compliant With ROHS Standard
- Cost effective SFP solution, enables higher port densities and greater bandwidth
- Support 1.25G Ethernet



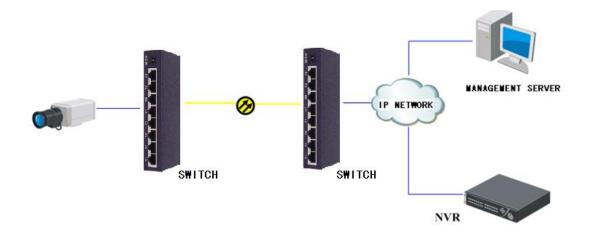


#### **Specifications**

| Item                  | AI-SFP25/1310              |  | AI-SFP25/1550     |
|-----------------------|----------------------------|--|-------------------|
| Fiber type            | SMF, Single fiber, 9/125um |  |                   |
| Connector             | LC                         |  |                   |
| Date Rate             | 1250 Mbps                  |  |                   |
| Connector quantity    | 1                          |  |                   |
| Distance              | 0~20km                     |  |                   |
| Wavelength            | Tx1310nm/Rx1550nm          |  | Tx1550nm/Rx1310nm |
| TX Power              | -9~-1dBm                   |  |                   |
| RX Sens(Max.)         | -21dBm                     |  |                   |
| Operating temperature | 0~70°C                     |  |                   |
| Storage temperature   | -40~85°C                   |  |                   |
| Relative humidity     | 30~80%                     |  |                   |
| Power supply voltage  | DC 3.3V                    |  |                   |

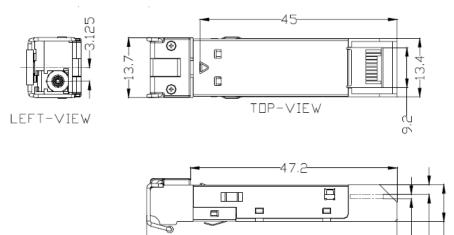
**Note:** AI-SFP25/1310 has to work with AI-SFP25/1550 as a pair.

## **Typical applications**





### Mechanical (mm)



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