


## TECHNICAL SPECIFICATION OF DC SM 10/100M POE MC



### Product Code: NTPL-FMC1310-20PSM

- IEEE 802.3af/at for power over Ethernet, IEEE802.3 10Base-T, IEEE802.3u 100BaseT(X), IEEE802.3x flow control
- Supply power to wireless access points and surveillance cameras over Cat cable
- PoE power up to 15.4W/25.5W for each port
- PoE IEEE802.3af/at compliant PDs
- Supports IEEE 802.3x flow control for Full-duplex Mode and back-pressure for Half-Duplex Mode
- LED indicators for monitoring power, link, activity and speed
- Suitable for HD monitor transmission and power supply
- Suitable for Wireless AP layout transmission and power supply
- Suitable for Network telephone transmission, intelligent house and home system
- Suitable for Security protection system, TV medical treatment
- Suitable for Long-distance Multi-media Schooling, Campus monitoring
- Suitable for Long-distance broadcast television transmission system
- Suitable for High-building Security Protection, Military Telecom projects

### Features / Specifications

Access mode	10/100Mbps
Standard	IEEE 802.3 10BaseT; IEEE 802.3u 100BaseTX; IEEE 802.3x Flow Control; IEEE 802.1af/at
POE	IEEE802.3af/max.15.4W; IEEE802.3at/max.25.5W
POE Line	End-Span(12+,36-); Mid-Span(45+,78-)
Wavelength	1310nm in both Tx and Rx port
Transmission distance	Multi-mode: 2 km; Single-mode:20~100km; Category-5 twisted pairs: 100m
Port	One/Two RJ45 port: For connecting STP/UTP category-5 twisted pairs, Two optical port: SM: DC/ST/FC (fiber size: 9/125μm)
MAC address table	1K
Flow control	Full duplex: flow control;
Delay	Store-and-forward: 9.6 μ s; cut-through: 0.9 μ s
LED indicator	PWR (power supply); POE Port (Yellow 100M :connect )POE port Green (100M/100M: connect camera) POE/100M (Connect camera) Link(On: connected Flash: data transmission) FDX/TX (On: Fiber connected) Act/Link (On: connected) FX/Link Flash: (data transmission) FL (On: fiber connected Flash: fiber transmission)
Power supply	AC100-240V 50HZ
Operating temperature	-10~55° C
Operating humidity	10%~90% non-condensing
Maintaining temperature	-40~70° C
Maintaining humidity	5% ~ 90% non-condensing
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