



NL-230F

2 Giga LAN over LRE Extender with DIP Switch

NL-230F is a low cost 2 giga LAN ports over LRE (long reach ethernet) Copper / Coaxial / Fiber Optic port with DIP switch Networking Device. NL-230F utilizes LRE technology, that supports 10/100Mbps long reach Ethernet over UTP and coaxial cable and also enables Ethernet networking at a distance beyond the 100-meter limit. Transmission distance can be extended up to 800 meters via copper cable and up to 500 meters via coaxial cable, which is an ideal Ethernet extension solution for point to point application and any location that needs Ethernet transmission over 100 meters. NL-230F also provides flexible installation by DIN Rail / Wall mounting / Bracket.

Features

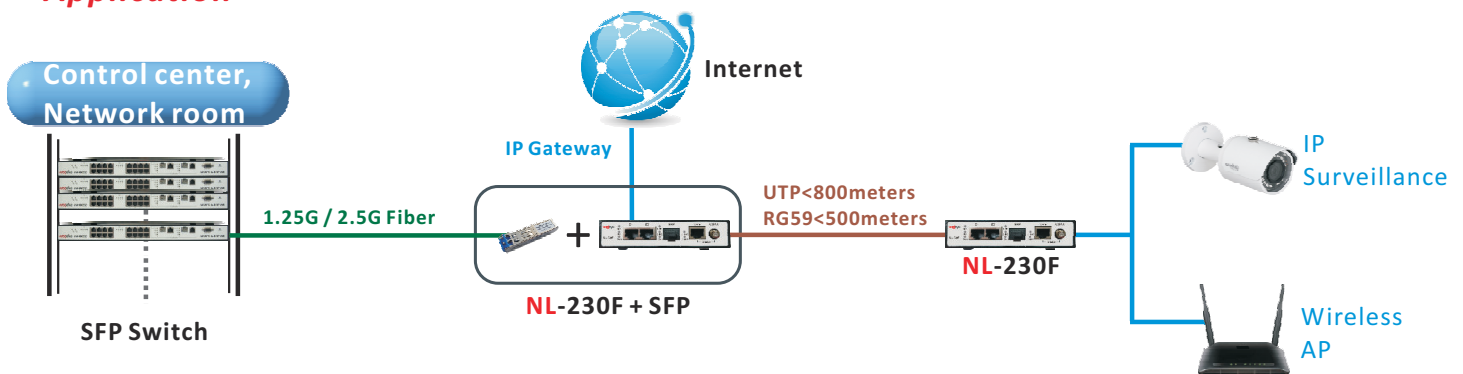
- Support 2 Giga LAN over 10/100M LRE UTP / coaxial / SFP port with DIP Switch
- LRE UTP support up to 100Mbps under 500 m(1640ft) or 10 Mbps up to 800m(2624ft)
- LRE coaxial support up to 100Mbps under 300 m(984ft) or 10Mbps under 500m(1640ft)
- Supports 100M/1.25G/2.5G SFP Selectible by DIP switch
- Supports LAN port isolation/unisolation selection
- Supports LFP Enable/Disable selection
- Built in surge protector for LRE port
- Supports 9k bytes Jumbo frame
- Metal case design & Flexible installation by DIN-Rail (Optional) / Bracket Wall mounting installations

Specifications & Standard

Standard	Comply with IEEE802.3u/ab/z Comply with LD 10 / 100 mode via UTP Comply with 100Base-T1 mode via RG59/U
Giga LAN Port	2 x RJ45
Fiber Optic port	1 x SFP Slot
LRE Port	1 x RJ45 / F-connector Combo port
LED Indicators	2 x Link/Active Status for LAN port 1 x Link/Active Status for LRE port 1 x LED for SFP port 1 x Power LED
Certification	CE, FCC, RoHS Compliant

Power Consumption	1.6 W Typical
Power Input	Input Voltage: 12V DC Input Current: 1A or above
Dimensions	124 x 93 x 27 mm (4.88" x 3.66" x 1.06")
Operating Temperature	0°C~50°C (32°F ~ 122°F), free air cooling
Storage Temperature	-20 °C~ 70°C (-4°F ~ 158°F)
Humidity	5 to 95% (non-condensing)
Optional accessories	Din Rail mounting plate

Application



@2023 Netsys reserves the right to change specifications without prior notice



NL-230F

www.netsys.com.tw
sales@netsys.com.tw