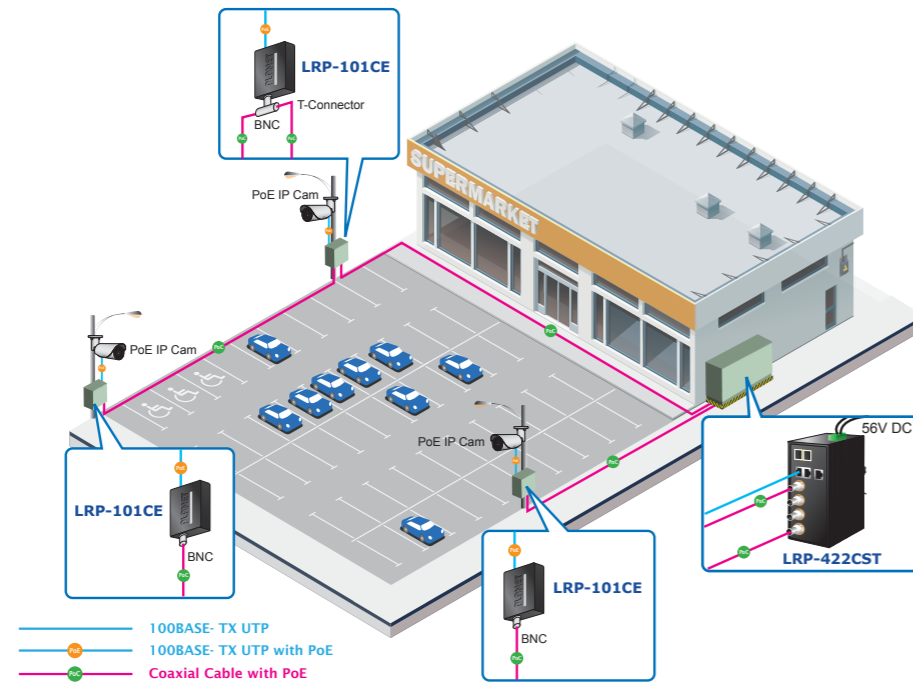


Plug-n-Play Point to Point Application

PLANET Long Reach PoE solution provides point to point application for easy plug-n-play operation and deployment in climatically demanding environments with wide temperature range from -20 to 70 degrees C. Without the limit of power source, it makes the installation of remote PoE powered devices easier and more efficiently.



Intelligent Point to Multi-point Application

Featuring advanced IPv6/IPv4 dual stack management, built-in L2/L4 Gigabit Switching engine and industry-leading PoE management functions, PLANET Long Reach PoE switches can easily build a power system for centrally-controlled IP cameras or wireless APs with high-availability network infrastructure. It provides a quick, safe, cost-effective and intelligent solution to point to multi-point network application.



Long Reach PoE Solution

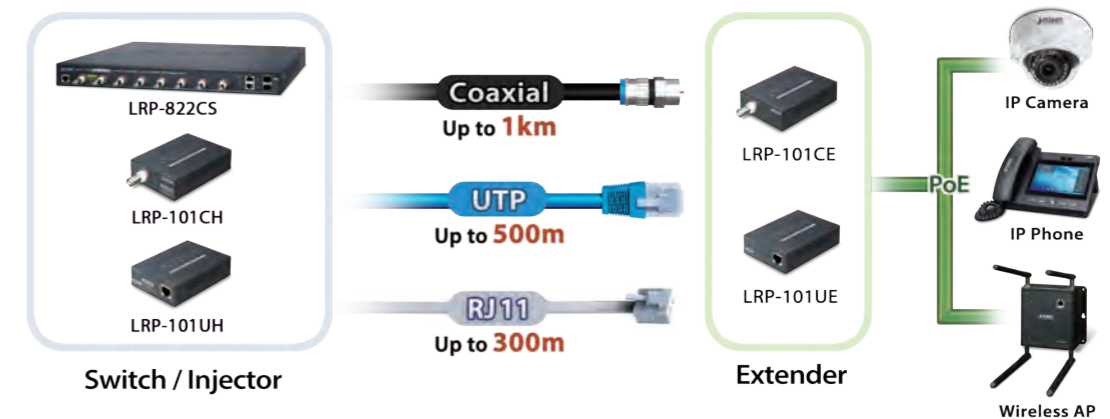
Most Cost-effective Extension via Existing Cable



Realizing the Long Reach Networking with Various Media

PLANET Long Reach PoE (LRP) solution is designed to **extend IP Ethernet transmission** and inject **power** simultaneously over **any existing coaxial, UTP, twisted-pair cable** or **telephone wires** for distance up to **1,000m (3,289ft)** into PoE IP camera, PoE wireless AP and any 802.3af/at complied powered device (PD). The solution also eliminates the need for an additional power supply for remote sites when the existing single power source enables to provide power to both LRP extenders and the PDs at long range.

UNIQUE SOLUTION TO LONG DISTANCE NETWORKING



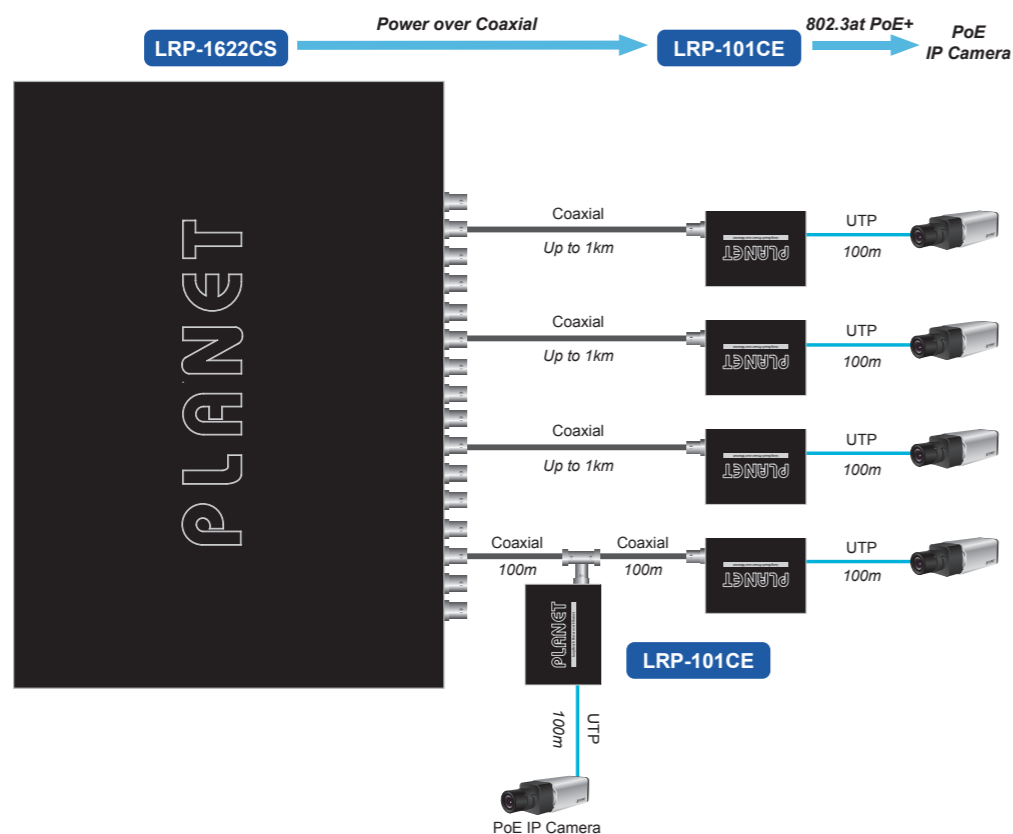
Multi-port Power over Coaxial Managed Switches



Power over Coaxial/UTP Injectors/Extenders



PLANET LRP Switch is one multi-channel unit that comes with L2/L4 switching engine, IPv6 / IPv4 protocol and single power source. The LRP switches are equipped with 4, 8 or 16 Long Reach PoE injector ports with a built-in power source for all connected LRP Extenders over coaxial cable to power and transmit IP video and data. All the PLANET LRP switches are equipped with additional Gigabit copper ports and 100/1000BASE-X SFP fiber slots for high bandwidth data and video uplink.



LRP-822CS/LRP1622CS

8/16-Port Coax Long Reach PoE L2/L4 IPv6 Managed Switch

Coaxial PoE Managed

- 8/16-port Long Reach PoE over coaxial
- 10/100/1000BASE-T port x 2
- 100/1000BASE-X SFP port x 2
- 240/440-watt PoE budget
- Power over coaxial up to 1km
- IPv4/IPv6 management and SSH/SSL secure management
- PoE schedule, scheduled power recycling, PD alive check

LRP-422CST

4 BNC + 2 10/100/1000T + 2 100/1000X SFP Long Reach PoE Managed Switch

Coaxial Managed PoE+ Wide Temp

- -20~75 degrees C operating temperature
- 4-port Long Reach PoE over coaxial
- 10/100/1000BASE-T port x 2
- 100/1000BASE-X SFP port x 2
- 48~56V DC input, 150-watt PoE budget, up to 4 Long Reach PoE
- Power over coaxial up to 1km
- IPv4/IPv6 management and SSH/SSL secure management
- PoE schedule, scheduled power recycling, PD alive check

Single-port LRP Injectors

The LRP Injector is installed at the head-end location connecting to the NVR or core-network switch. With the plug and play setup, the LRP Injector can immediately deliver DC power to the LRP Extender where data and power are simultaneously transmitted over a coaxial, UTP or long twisted-pair cable for up to 1,000 meters.

Single-port LRP Extenders

The LRP Extender is designed to transmit power and data to the PoE IP camera, PoE wireless AP and any 802.3af/at PD in a remote area. Powered by the LRP Switch or LRP Injector, the LRP Extender, a single-port 802.3af/at PoE+ device, provides a maximum of 25-watt power output over Ethernet cable where data and power are transmitted to any PoE PD at the same time.



LRP-101C-KIT

1-Port Long Reach PoE over Coax/UTP Extender Kit

Coaxial PoE Extender

- Re-use the existing coaxial cable, power over coaxial up to 1km
- 1-port BNC with passive PoE PSE
- -20 ~ 70 degrees C wide operating temperature
- Configure free Plug and Play
- LRP-101CH Injector with LRP-101CE Extender
- LRP Injector accepts 802.3at PoE+ Input or external power adapter
- LRP Extender supports 802.3at/af PoE output



LRP-101U-KIT

1-Port Long Reach PoE over UTP Extender Kit

Long UTP PoE Extender

- Power+Data over UTP cable up to 500m
- -20 ~ 70 degrees C wide operating temperature
- Configure free Plug and Play
- LRP-101UH Injector with LRP-101UE Extender
- LRP Injector accepts 802.3at PoE+ Input or external power adapter
- LRP Extender supports 802.3at/af PoE output



LRP-101CE

1-Port 10/100TX PoE PSE + 1-Port Coax Long Reach PoE Extender

Coaxial PoE Extender

- Re-use the existing coaxial cable, power over coaxial up to 1km
- 1-port BNC with passive PoE PD
- 1-port 10/100TX RJ45 with IEEE 802.3at output
- PoE+ PSE to remote PoE IP camera/AP
- -20 ~ 70 degrees C wide operating temperature



LRP-104CET

4-Port 10/100TX PoE PSE + 1-Port Coax Long Reach PoE Extender w/ -20~70 degrees C

Coaxial PoE Extender IP30

- Forwards both Ethernet data and in-line power to 4 remote devices
- 1-port BNC/UTP LRP combo interface with passive PoE PD
- 4-port 10/100TX RJ45 with IEEE 802.3at PoE+ PSE to remote PoE IP camera/AP
- -20 ~ 70 degrees C wide operating temperature