Remote Powered / Reverse PoE (RPoE)
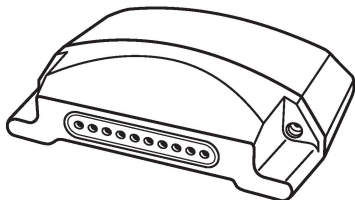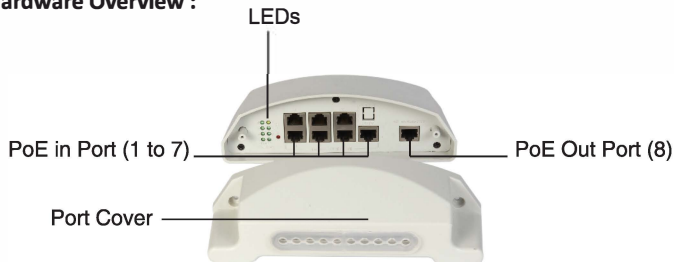**Ethernet Switch**

Introduction :

Thank you for purchasing the Remote
Powered / Reverse PoE (RPoE) Ethernet
Switch. This User Manual is designed to
guide you for switch overview
and Installation.

Package Contents :

1. Ethernet Switch
2. Metal Straps (1 Nos)
3. Metal Bracket (1 Nos)
4. Self-Tapping Screw (2 Nos)
5. Nut - Bolt (2 Nos)
6. P-Clip (1 Nos)
7. User Manual

Hardware Overview :

LEDs

PoE in Port (1 to 7)

PoE Out Port (8)

Port Cover

LED :

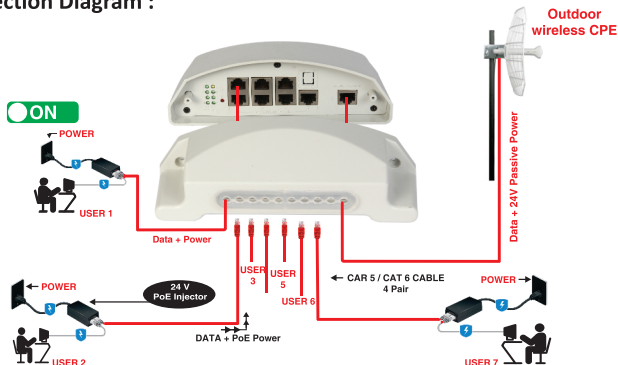| State	Status
Green	ON - Device On Stable
Blue PoE Out Uplink (Port 8)	On - Link Activate Flashing - Data Transmission
Red PoE In Port (1 to 7)	On - Link Activate Flashing - Data Transmission

Ports :

- PoE In Ports : Ethernet Port 1 to Port 7 are 10/100 PoE In Ports. Ethernet Port 1 to 7 accepts Passive PoE 24V DC. We recommend supplying power by 24V DC, 1 Amp Passive PoE Injector.
- PoE Out Port : Ethernet Port 8 is 24V DC Passive PoE Out port for supplying power to wireless CPE(Passive 24V DC).

Powering :

- Ethernet Port 1 to 7 accepts Passive PoE 24V DC.
- Ethernet Port 8 is Passive PoE Out for supplying power to wireless CPE (Passive 24V DC).
- Suggested Passive PoE Injector is 24V DC, 1 Amp.
- Power Consumption is 2W for Switch

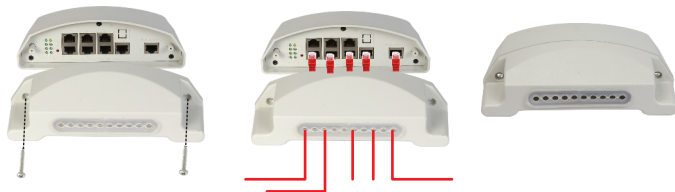## Connection Diagram :

Port Base Isolation :

- Ethernet Data of the Uplink Port 8 can be transferred to all of the Downlink port 1 to port 7 but the internal communication between port 1 to port 7 is not allowed.
- By default - Enabled mode

Mounting :
- Switch can be wall mounted and pole mounted.
- Open the screw from Port Cover to separate Port Cover from Switch using screw driver
- Insert the Ethernet cable through port cover rubber hole
- Connect Ethernet cables to Switch Ethernet Ports
  - Ethernet Cables from PoE Injector to Switch Port 1 to 7 (PoE In Port)
  - Ethernet Cables from Wireless CPE to Switch Port 8 (PoE Out Port)
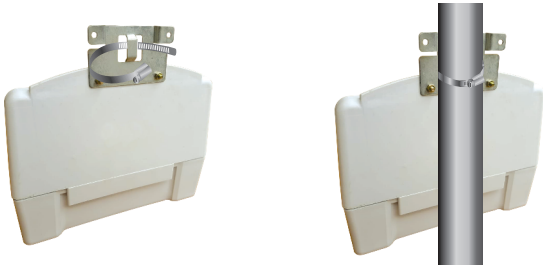- Fasten the same screw to close port cover with Switch

1) Wall Mounting :
- Connect the Metal Bracket thorough hole located on the top back of Switch by using given Nut - Bolts.
- Secure Self-Tapping Screw thorough Bracket hole on the wall.
- Use p-clip to hold the Ethernet cable to avoid load(pressure) on Switch Ethernet port
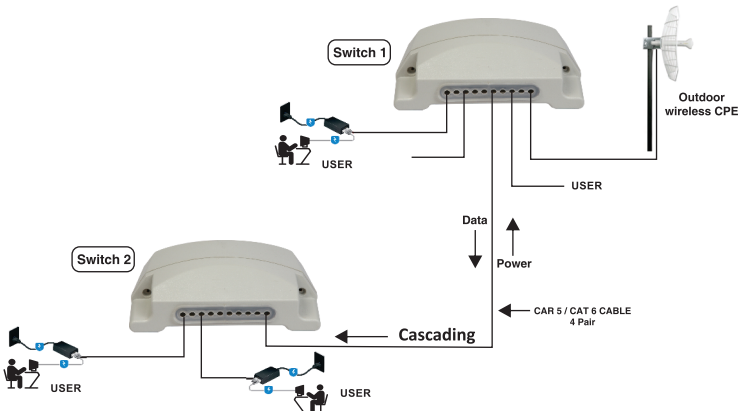
2) Pole Mounting :
- Open a Metal Strap and feed it through a slot of the Metal Bracket.
- Wrap the Metal Straps around the pole. Use a screwdriver to turn the screws clockwise and securely fasten the straps to the pole.

Cascading :
- Switches can be Cascaded for more User
- With Cascading, even if one customer switches on power then power will be on all upstream switches

Copyright and Warranty Information :

Hardware Warranty : Infonet Technologies warrants Remote Powered/Reverse PoE (RPoE) Ethernet Switch for the term of twelve months from the shipping date to be free of defects in materials and workmanship under normal use and service, except in case of damage caused by mechanical, electrical, or other accidental or intended damages caused by improper use or due to wind, rain, lightning, fire or other acts of nature.

To return defective devices to Infonet Technologies, you must follow the instruction below-

1) If you have purchased your product from a Infonet Technologies Reseller, please contact the Reseller company regarding all warranty and repair issues.
2) If you have purchased your product from Infonet Technologies please contact Infonet Technologies directly to know RMA instructions.
3) The defective devices and repaired devices must be delivered to and picked up From Infonet Technologies service station in India at the customer's cost.
4) Infonet Technologies does not offer repairs for products that are not covered by warranty.
5) Out of warranty devices and devices not covered by warranty sent to Infonet Technologies will be returned to the sender at sender's cost. If the sender has not organized return of such rejected devices within twelve month from the day of arrival, Infonet Technologies has the right to discard them.

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EU Declaration of Conformity :

Object of Declaration: Remote Powered/Reverse PoE (RPoE) Ethernet Switch
The Object of the declaration describe above is in conformity with the relevant European Union harmonisation legislation
Applied Council Directives:
Low voltage directive 2014/35/EU
Electromagnetic compatibility Directive 2014/30/EU
Restriction of Hazardous Substance Directive 2011/65/EU
Waste Electrical and Electronic Equipment Directive 2012/19/EU

Standard to which conformity is declared :

EN 60950-1:2006+A2:2013- Information Technology Equipment-Safety –General Requirement.
EN 55032:2012 -Electromagnetic Compatibility- Emission Requirement
EN 55024-2014-Information Technology Equipment Immunity Requirement-Limits and Method of Measurement
EN 50581:2012   Technical documentation for the assessment of the electrical and electronic products which respect to the restriction of the hazardous substances
EN 50419-2006-Marking of Electrical and Electronics Equipment in accordance with Article 11(2) of the Directive (WEEE)