

### iTM-VER01



- Real-time extension of the network signal and power, extend the distance of more than 100m, relay cascade farthest reach 400m;
- 0 time delay;
- 4KV Surge Protection
- Supports IEEE 802.3u 100Base-TX standard and IEEE 802.3af / at PoE standard;
- can be spliced, desktop, wall-mounted, but also with set lines finishing capabilities, can simply respond to a variety of installation applications.
- Plug and play, no software and protocol conversion;



100Mbps  
Bandwidth



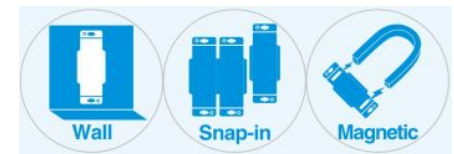
Easy  
Application



PoE Power  
Supply



4 KV  
Surge  
Protect  
ion

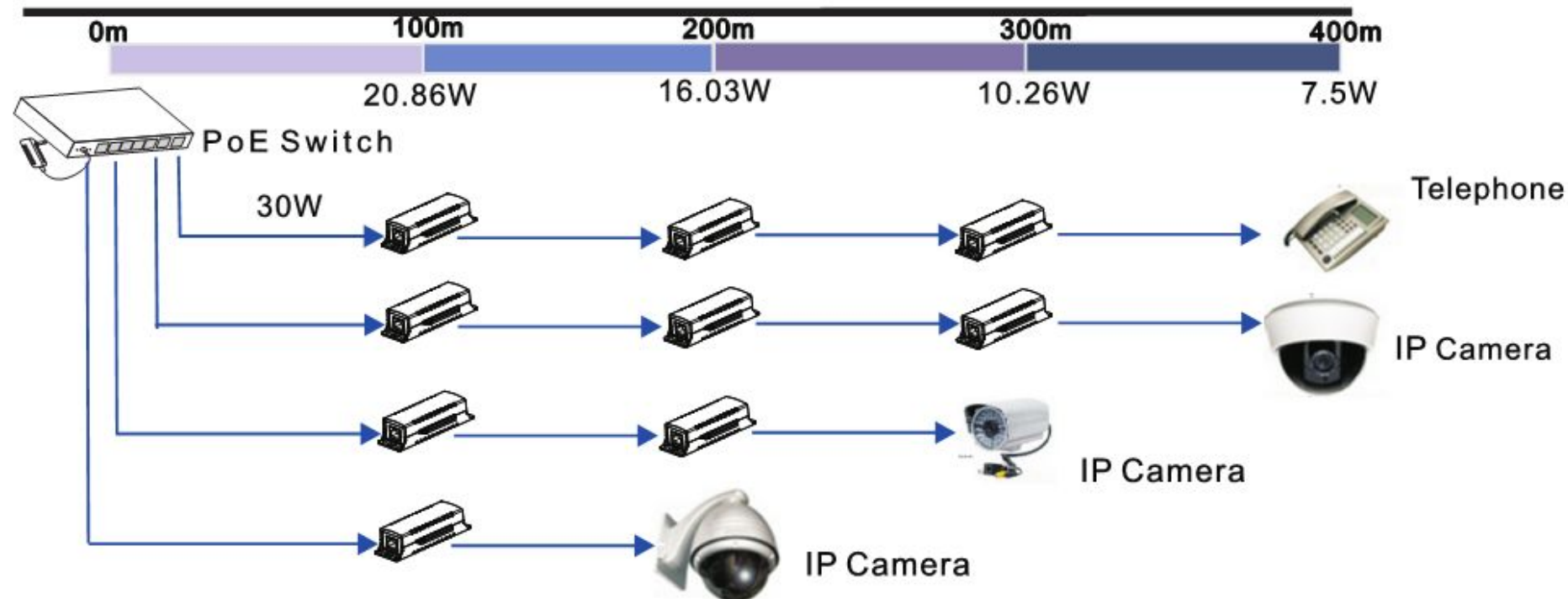


Easy Installation

## ■ Specification

Item		Description
Power	Power Supply	PoE
	Consumption	< 3 Watt
Network Port	Port	PoE IN: 100Mbps、PoE In port PoE OUT: 100Mbps、PoE Output port
	Transmission distance	Max: 400m (Please reference to the diagram I to distinguish the relation between power consumption and transmission distance)
	Media	Cat5e/6
	PoE standard	Supports IEEE802.3af、IEEE802.3at standards
	PoE Power supply	Media-span and End-span
Ethernet Exchange	Standard	IEEE802.3u 100BASE-TX
	Delay	< 20us
Status	Indicator LED	PoE IN port and PoE OUT port; RJ 45 Yellow LED indicate PoE status; Green LED indicate working status.
Protection	ESD	Lever III 1a Contact Discharge Lever III 1b Air Discharge Per: IEC61000-4-2
	Surge Protection	Lever III Per: IEC61000-4-5
Environment	Working Temperature	-10℃~55℃
	Storage Temperature	-40℃~85℃
	Humidity	0~95%
Mechanical	Size(L×W×H)	113mm×45.5mm×29mm
	Material	ABS
	Color	Black
	Weight(Gross)	58g

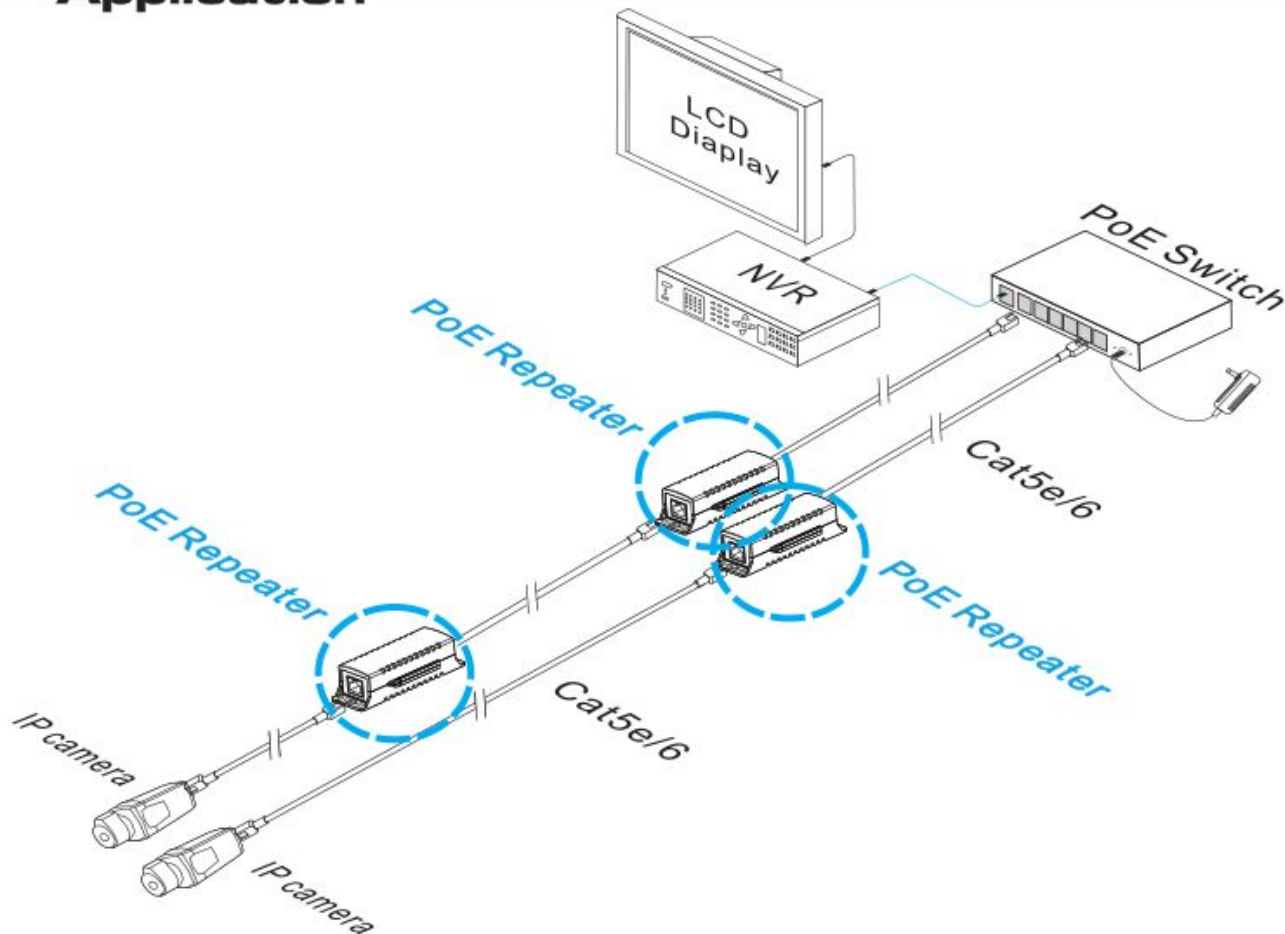
**Distributive relation between power consumption and transmission distance**



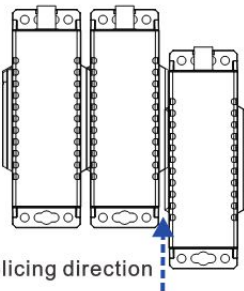
# Product Repeater

## Product Application

### Application



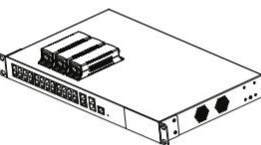
1. Wall-Mounting type



2. Splicing type



Magnetic attraction  
at both bottom sides.



3. Magnetic attraction type  
(Optional component, you  
need buy them if necessary)

# Industrial light protection design

UTEPO PCB board are using industrail chip with **4KV surge protection**, and **4pcs PCB board**,



Protection  
circuit  
components

4 pcs  
PCB  
Board

UTEPO Product



NO Surge  
Protection

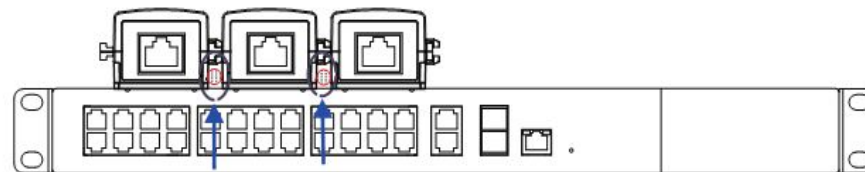
2 Pcs  
PCB  
Board

Normal Porduct

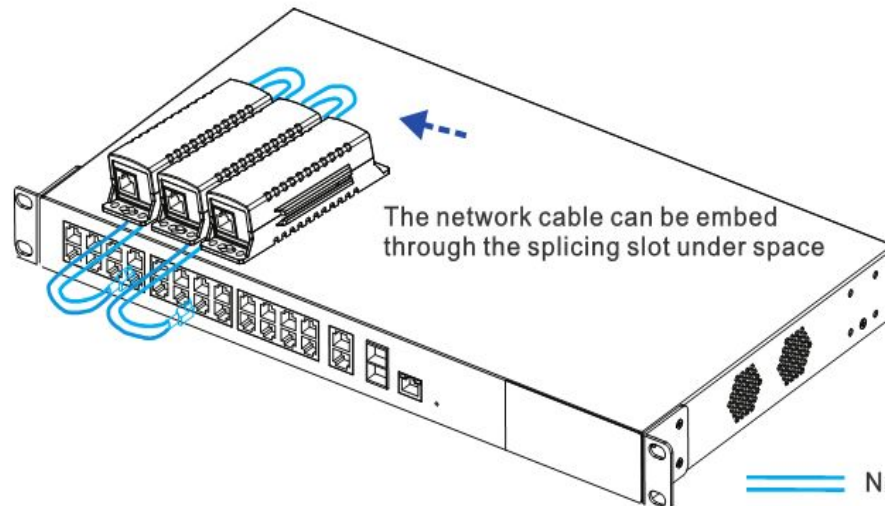


# Easy Application

Network cable could be hide under product to save space room , and easy installation as below:



The network cable can be embed through the splicing slot under space



The network cable can be embed through the splicing slot under space

== Network cable