

Simplify large installations.

Power over Ethernet at up to 800m distance with VIP Vision™ ePoE systems.

Installing surveillance systems spanning across wide areas is easier than ever with VIP Vision™ ePoE IP cameras, NVRs and switches. Expand your business opportunities to sites such as warehouses, car parks and off-facility remote areas.

Traditionally, cameras positioned far away from the NVR require devices such as PoE extenders to extend the transmission distances, which in themselves require additional power supplies. ePoE NVRs, cameras and switches remove this hassle by simply extending the range that power and data can be transmitted over Cat5/6 network cable, increasing system reliability and lowering installation costs.

ePoE Transmission Distances

VIP Vision™ Extended Power over Ethernet systems can **transmit data and power at a distance of up to 800m**.

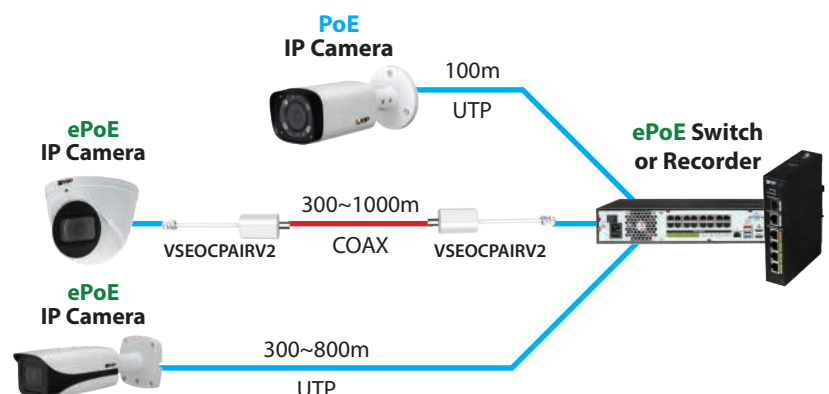
Maximum transmission distance is dependant on the data and power requirements of the camera. Cameras with higher requirements, such as PTZs, will have a lower maximum distance. Refer to the table for details.

ePoE Switch Supply Voltage						
Cable	Bandwidth	PoE Load Capacity		Hi-PoE Load Capacity		Working Mode
		48V	53V	48V	53V	
100m	100Mbps	25.5W	25.5W	53W	25.5W	IEEE/E100
200m	100Mbps	25.5W	25.5W	33W	25.5W	E100
300m	100Mbps	19W	25.5W	19W	25.5W	E100
400m	10Mbps	17W	23W	17W	23W	E10
500m	10Mbps	13W	20W	13W	20W	E10
800m	10Mbps	7W	13W	7W	13W	E10

Use Existing Coax with ePoE

Using a **VSEOCAIRV2** Ethernet over Coax Converter Pair, you can transmit power, video and camera data over coaxial cable, running back to an ePoE NVR or switch. The converter supports power & data transmission **over RG59 coaxial cable at up to 1000m** when used in ePoE systems - even further than over UTP.

Save time and money on your installations by repurposing coaxial cabling infrastructure for your long range PoE systems.



Note: Both an ePoE camera **AND** an ePoE NVR/switch are required for long distance Power over Ethernet transmission.