



INNOVATIVE NETWORKING SOLUTIONS



Introduction

Vigatron is leader in design and manufacturing of infrastructure transmission equipment since 1997. Our product lines have grown as the security industry has evolved to include Analog, IP, and HD CCTV.

Vigatron is endorsed by the world's leading CCTV solution providers based on our dedication to quality, certified product performance testing, inter-operational testing with the world leading camera brands and offering the industry's longest warranty.

Performance, innovation, and reliability are the features you can rely on from the security leader in infrastructure solutions.

Symmetric Bandwidth (SBW™)

Maintains maximum bandwidth throughout specified distances for both upload and downloads.



Virtual Zero Packet Loss (VZPL™)

In network communication, information is transferred in Packets. Loss of Packets equals loss of information. Tested to RFC 2544 TCP/IP for packets sizes up to 9,000 bytes Jumbo Frames.



Pass-Through-PoE (PTP™)

Passes through the PoE power without interfering in the PSE-PD communication.



Extended Pass-Through-PoE (EPTP™)

The ability to pass 802.3af/at/bt up to 74W/90W transmitting power at extreme distances with minimal power losses.



Mega Pixel Certified (MPC™)

Testing is done to manufacturers' high-end Megapixel cameras. Vigatron products have also been tested by several IP camera manufacturers, resulting in their strong endorsements.



RFC Certified

Vigatron products are tested under RFC 2544 specifications for Packet loss, Bandwidth and Latency and the highest Jumbo frame size of 9,000 bytes, which provides the ability to transmit the largest megapixel size cameras with virtually no loss.



Hardened (HRD™)

Vigatron products are type tested for operation from -40°C to +75°C under tough NEMA-TS2 transportation testing standards.



Low Power Consumption (LPC™)

The industry's lowest power consumption, reserving needed power for PoE devices, and saving installation and operating costs.



Support Jumbo Frames (JFC™)

Jumbo Frame compatibility assures reliable full bandwidth transmission of the highest megapixel cameras with maintaining image quality at high frame rates. Vigatron products are tested up to the full jumbo frame rate of 9000 bytes.



PoE++

Vigatron's PoE++ products provide up to 74W/90W PoE power at extended distances to cameras with PTZ, IR illuminators, heaters and blowers, eliminating the need for any local power supplies.



Vigitron supports you in all stages of your projects

Pre-Sales: Free Infrastructure Design Services

Vigitron provides free and no obligation Infrastructure Design Services. Vigitron works closely with virtually all major IP camera manufacturers conducting intraoperative testing and uses the results in perfecting our Design Center Services in providing infrastructure designs for customer applications. Our product performance specifications are supported by extreme environmental, bandwidth and PoE certification testing.



During-Sales: Excellent Technical and Sales Support

Vigitron technical and sales teams work closely with customers to assist them to successfully implement any size infrastructure projects. We provide demo equipments to facilitate project installations and usually ship products same day that the orders are received to help expediting installations. Our extensive inter-operative testing with major IP camera brands takes the guess work out of CCTV transmission projects.



Post-Sales: Lifetime Warranty + 3 Years

Vigitron, with over two decades of design and manufacturing experience, provides the most reliable products supported by the industry's longest warranty. Our warranty is the production lifetime plus three years to assures you of continued support, even after a product's end of life. Our lifetime warranty is free and a standard feature of our products.



Vigitron vs. Competition

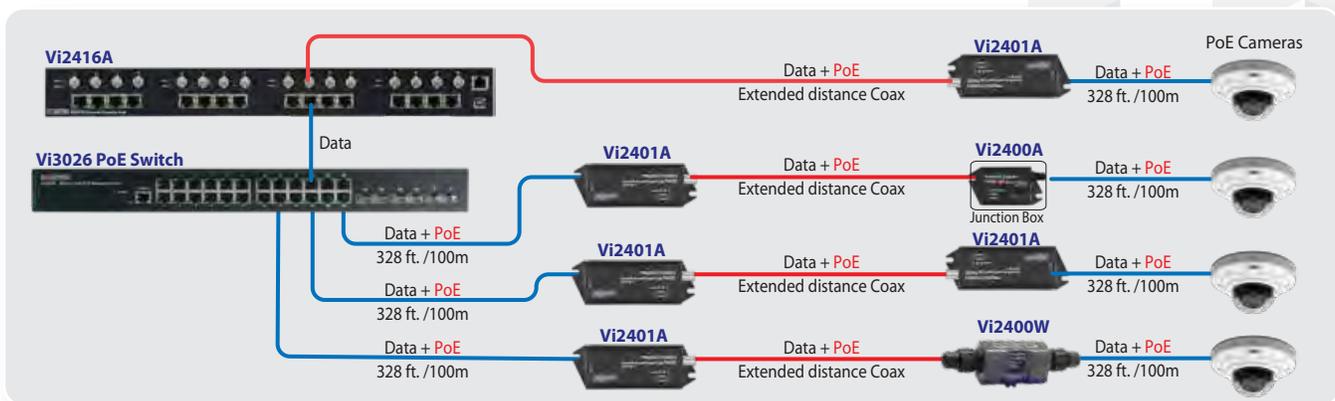
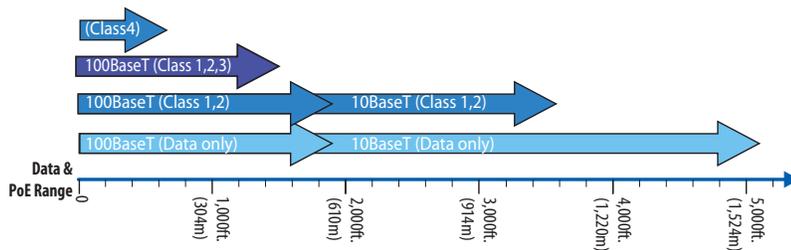
Feature	Vigitron	Competitors
Industry's Longest Warranty	✓	X
Free Design Services	✓	X
Performance Backed by Certified Testing	✓	X
Highest Data Transmission	✓	X
Highest PoE Power Capacity	✓	X
Real World Product Testing	✓	X
IP Camera Interoperability Testing	✓	X

COAX ETHERNET EXTENDERS

	Model	Ports	Power Source	Function
	Vi2400A	1	12VDC or PoE	Mini Single port 10/100 Ethernet Extender w/ Pass-Through-PoE
	Vi2401A	1	12VDC, 24VAC or PoE	Single port 10/100 Ethernet Extender w/ Pass-Through-PoE
	Vi2400W	1	PoE	Weatherproof (IP67) Ethernet Extender w/ Pass-Through-PoE
	Vi2404A	4	12VDC	10/100 Ethernet Extender w/ Pass-Through-PoE
	Vi2408A	8	12VDC	10/100 Ethernet Extender w/ Pass-Through-PoE
	Vi2416A	16	12VDC	10/100 Ethernet Extender w/ Pass-Through-PoE

- Extends 10BaseT up to 5,000 ft. (1,524m)
- Extends 100BaseT up to 1,800 ft. (548m)
- Provides Pass-Through-PoE up to 37W

Data & PoE Range



The Vi2400 series can transmit IP data with up to 37W PoE over existing coax at distances up to 1,800 feet (545m) providing a quick and cost effective method of converting analog CCTV to IP systems.

The Vi2400A Mini can fit in a common 4 inch square wiring box and J-box enclosures, making it the perfect solution for tight locations requiring security and environmental protection.

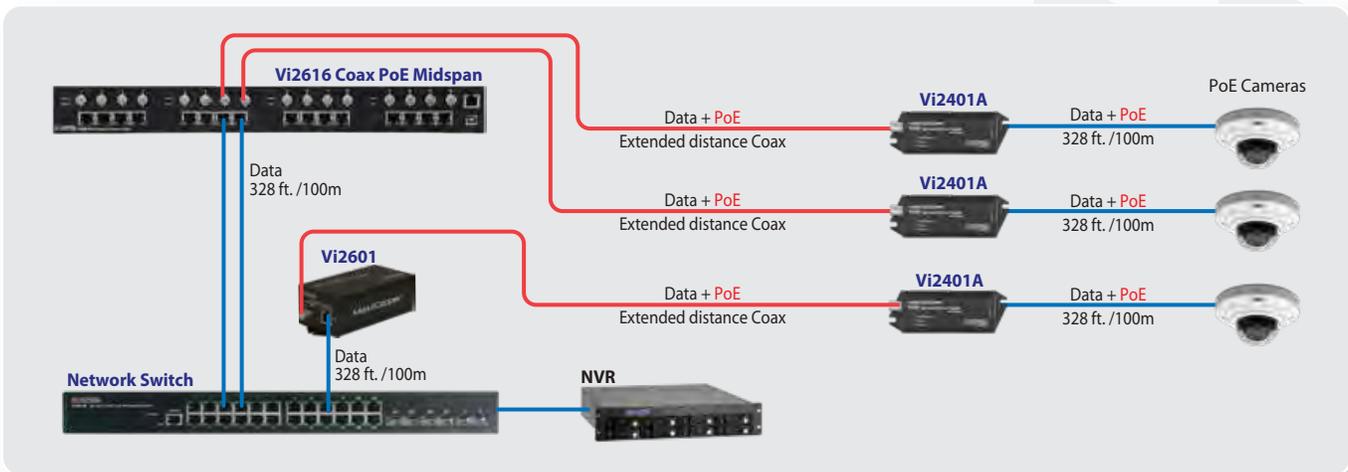
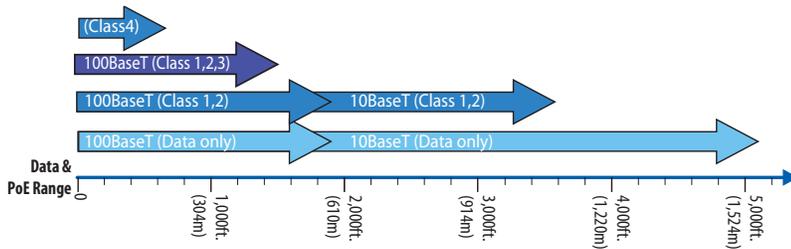
The multi-port MaxiiCopper™ Coax extenders are the ideal solution for analog systems transitioning to IP. They reduce the installation cost by using the existing coax wiring.

COAX MIDSPANS

	Model	Ports	PoE Budget	Function
	Vi2601	1	36W	Coax 10/100 Ethernet Extender w/ built-in 36W PoE on Extended port
	Vi3202	2	60W	Coax 10/100 Midspan w/ 60W PoE Power Supply
	Vi2608	8	300W	Managed Coax 10/100 Midspan w/ 300W PoE Power Supply
	Vi2616	16	550W	Managed Coax 10/100 Midspan w/ 550W PoE Power Supply

- Provides 36W PoE on each port.
- Extends 10/100 data PoE up to 3,000 ft.
- Extends 100BaseT up to 1,800 ft. (548m)
- The Vi2608/Vi2616 GUI connection are provided through USB port and Network

Data & PoE Range



The Vi2608/Vi2616 provide PoE on up to 16 coax ports to power Vi2401A/Vi2400As and connected PoE cameras eliminating the need for local power sources. It is a perfect solution for parking lots, loading docks and perimeter applications. The Vi2601 provides Ethernet and PoE over long distances of coax and is ideal for smaller installations.

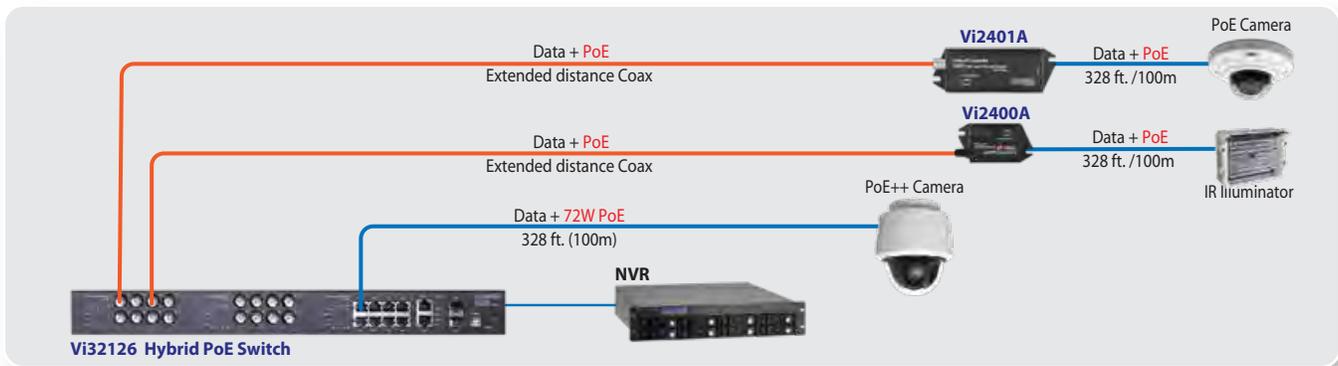
COAX MANAGED HYBRID SWITCHES



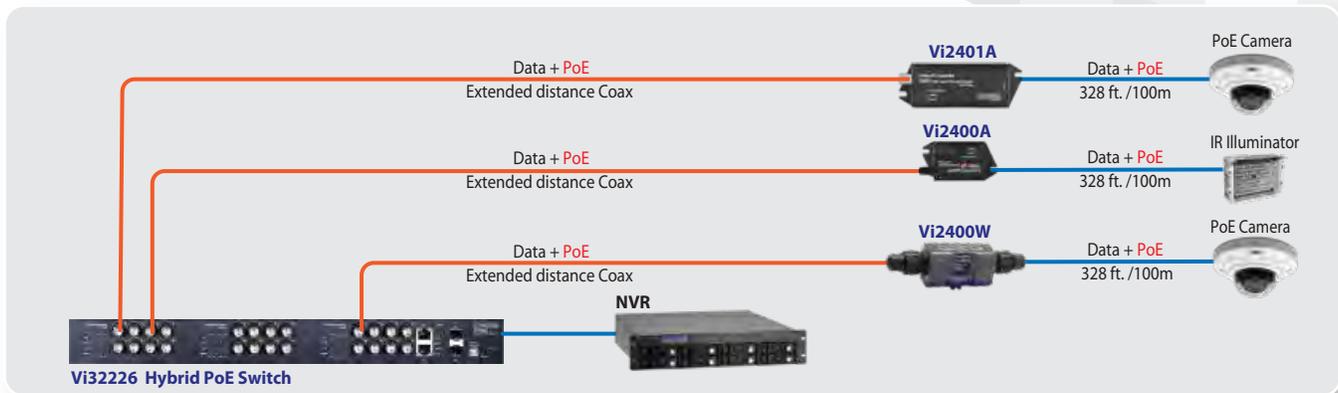
Model	Coax Ports	UTP Ports	Function
Vi32026	8	16	L2 Managed PoE Switch, 36W/72W PoE Ports w/ 550W PoE budget
Vi32126	16	8	L2 Managed PoE Switch, 36W/72W PoE Ports w/ 550W PoE budget
Vi32226	24	-	L2 Managed PoE Switch, 36W PoE Ports w/ 550W PoE budget

- 24-port Layer 2, fast Ethernet + two 1G combo uplinks
- Extends 10BaseT up to 5,000 ft. (1,524m) Extends 100BaseT up to 1,800 ft. (548m)
- Provide a combination of Extended Coax ports and Standard Ethernet with PoE
- All ports can provide up to 36W PoE and ports 17-20 can provide up to 72W PoE*
- Reconnects automatically after data or PoE dropped connections
- Unique SecurPort™ protects against ghosting and hacking

* excluding Vi32226



The Vi32026/Vi32126 can transmit Ethernet and PoE over Coax and UTP cables. They are cost effective and efficient in providing Ethernet and PoE for virtually any project with mixed types of cables. Ports 17-20 can provide up to 72W PoE power.



The Vi32226 is a 24-port managed PoE switch that can transmit Ethernet and PoE over Coax. They provide up to 36W PoE on each port. It is a cost effective and efficient solution for converting analog CCTV systems to IP systems.

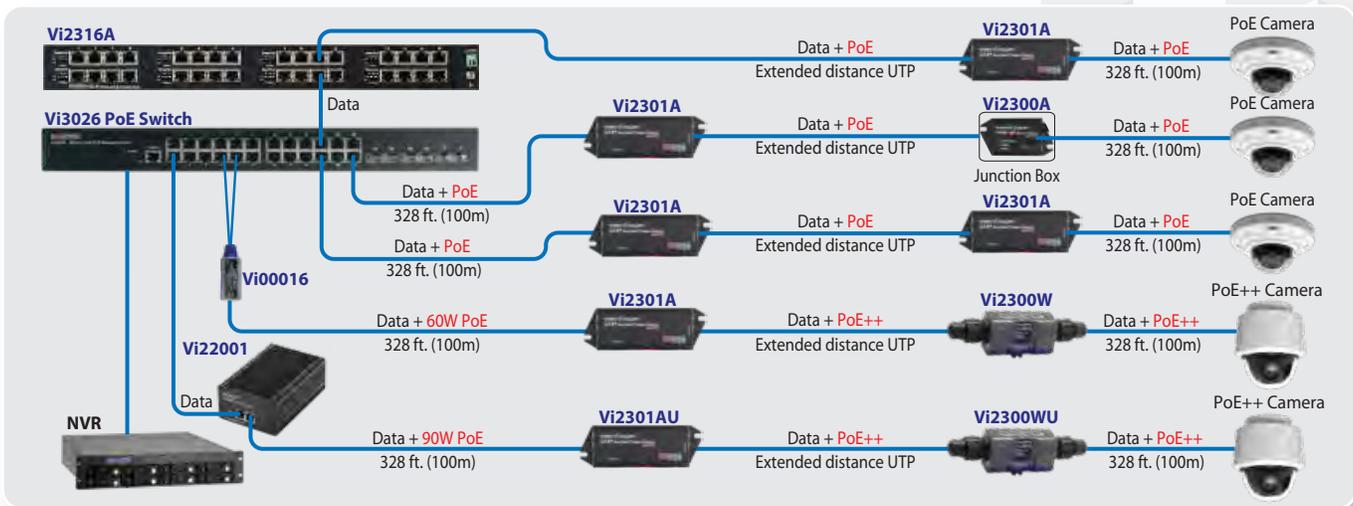
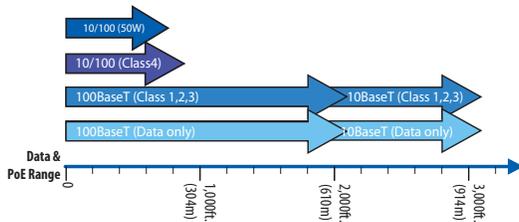
UTP ETHERNET EXTENDERS

	Model	Ports	Power Supply	Function
	Vi2300A	1	12VDC or PoE	Mini 10/100 Ethernet Extender w/ 72W Pass-Through-PoE
	Vi2301A	1	12VDC/24VAC or PoE	10/100 Ethernet Extender w/ 72W Pass-Through-PoE
	Vi2301AU*	1	12VDC/24VAC or PoE	10/100 Ethernet Extender w/ 90W Pass-Through-PoE
	Vi2300W	1	PoE	Weatherproof (IP67) Ethernet Extender w/ 72W Pass-Through-PoE
	Vi2300WU*	1	PoE	Weatherproof (IP67) Ethernet Extender w/ 90W Pass-Through-PoE
	Vi2304A	4	12VDC	10/100 Ethernet & PoE Extender w/ 72W Pass-Through-PoE
	Vi2308A	8	12VDC	10/100 Ethernet & PoE Extender w/ 72W Pass-Through-PoE
	Vi2316A	16	12VDC	10/100 Ethernet & PoE Extender w/ 72W Pass-Through-PoE

- Extends 10BaseT up to 3,000 ft. (914m)
- Extends 100BaseT up to 2,000 ft. (609m)
- Tested and certified with major 72W/90W* PoE devices
- Plug-and-play with no set up required

*Available Q2, 2020

Data & PoE Range



The Vi2300 series can transmit IP data and provide up to 72W PoE over extended UTP at distances up to 3,000 feet (914m) providing a cost effective method of powering, monitoring, and controlling your IP cameras

The Vi2300A Mini can fit inside a common 4 inch square wiring box and J-box enclosures, making it the perfect solution for tight locations requiring security and environmental protection.

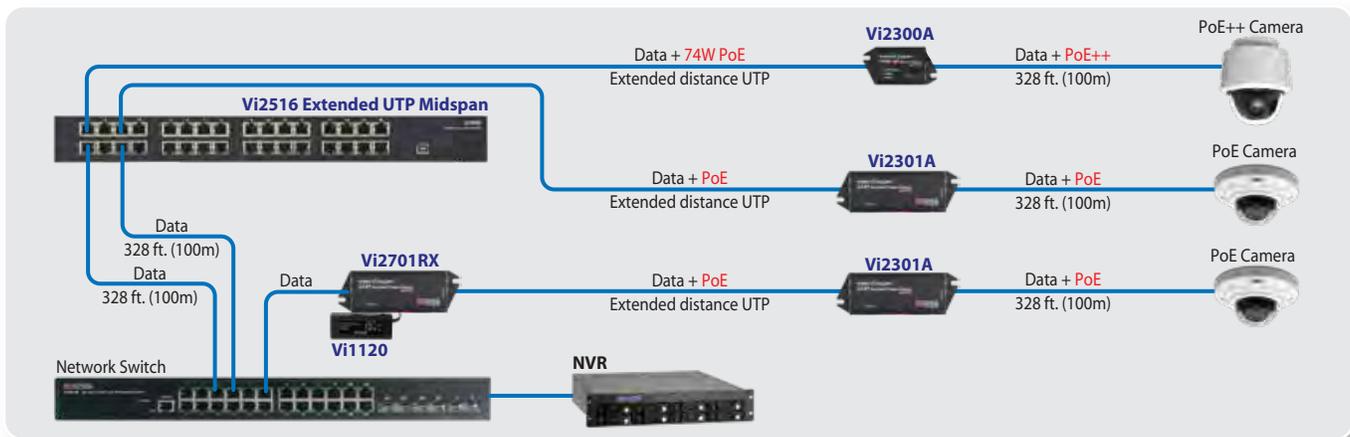
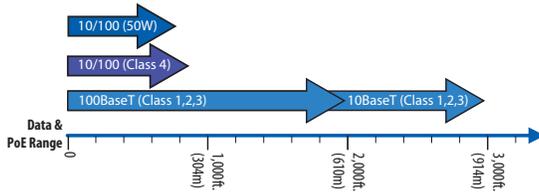
The multi-port MaxiiCopper™ UTP extenders are ideal for larger extended distance UTP systems. The Vi230xxU models can pass through up to 90W PoE at long distances to power high power PTZ cameras.

EXTENDED UTP MANAGED PoE MIDSPAN

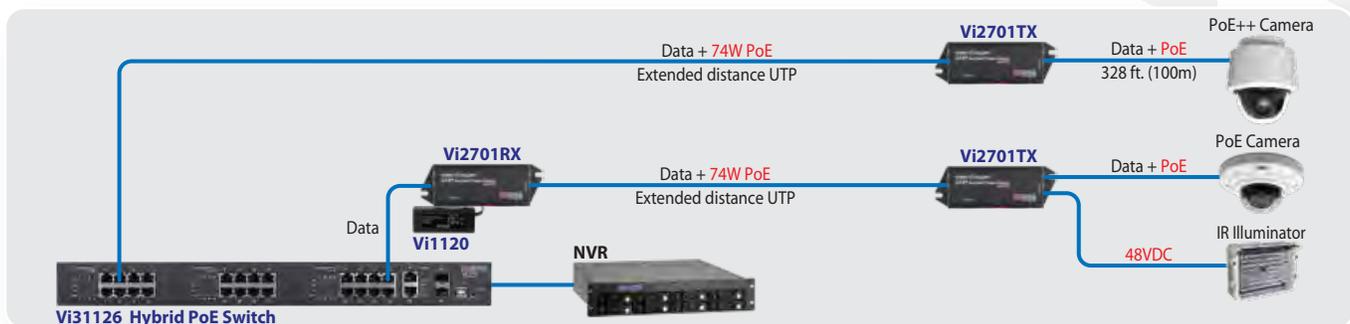
	Model	Ports	PoE Budget	Function
	Vi2701TX	1	60W	60W Pass-through Ethernet and PoE Extender (for Camera Side)
	Vi2701RX	1	60W	60W Pass-through Ethernet and PoE Extender (for Control Room)
	Vi2508	8	300W	Managed 10/100 Extended UTP PoE Midspan w/ built-in 300W PoE source
	Vi2516	16	550W	Managed 10/100 Extended UTP PoE Midspan w/ built-in 550W PoE source

- Provides 37W on all ports and 74W on first 4 ports
- GUI connection through USB port and Network
- Extends 10/100 data & Class-3 PoE up to 2,000 ft.

Data & PoE Range



The Vi2516 provides PoE on up to 16 ports to power Vi2301A and connected PoE cameras eliminating the need for local power sources. It is an excellent solution for parking lots, loading docks and perimeter applications.



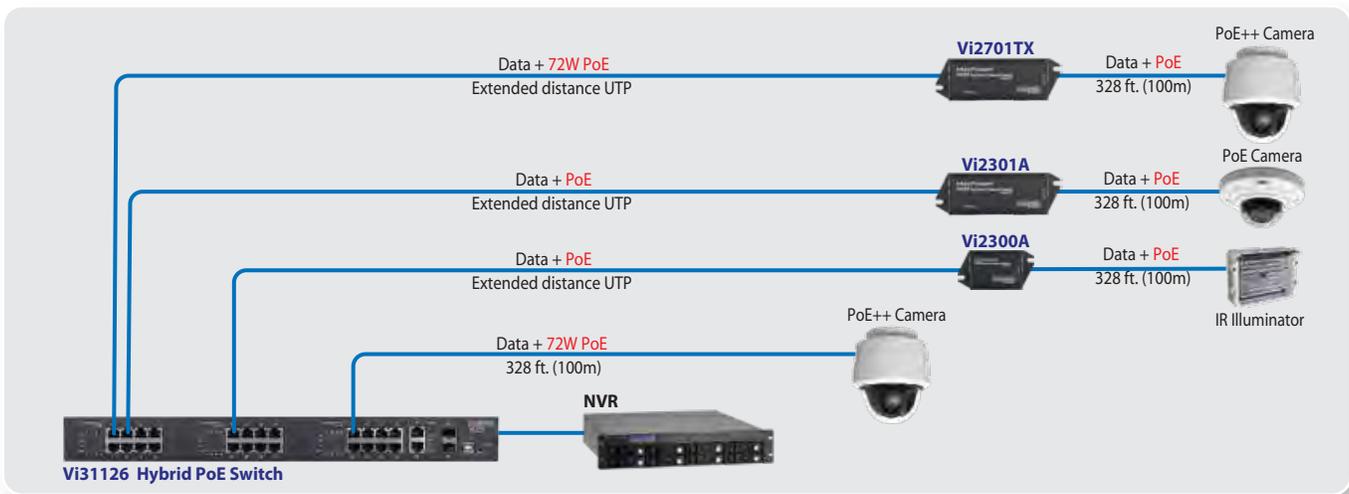
The Vi2701TX can provide IP video and PoE plus a 48VDC output to power auxiliary devices such as IR Illuminators.

EXTENDED UTP MANAGED HYBRID PoE SWITCHES

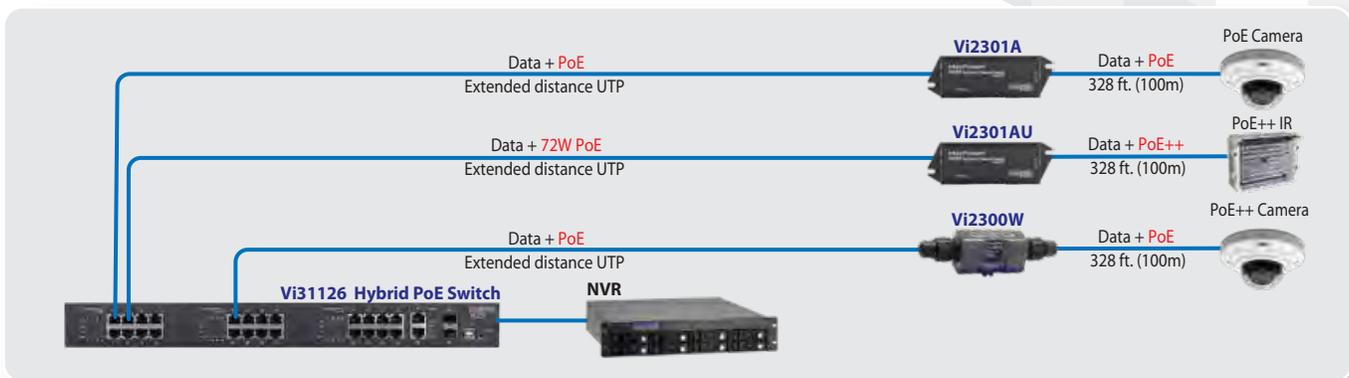


Model	Extended Ports	Standard Ports	Function
Vi31026	8	16	L2 Managed Extended and Standard UTP PoE Switch w/ 550W PoE budget
Vi31126	16	8	L2 Managed Extended and Standard UTP PoE Switch w/ 550W PoE budget

- Layer 2 High Power Managed 24-port fast Ethernet PoE Switch + two 1G combo uplinks
- Provide a combination of Extended UTP ports and Standard Ethernet with PoE
- Extends 10BaseT up to 3,000 ft. (914m) and 100BaseT up to 2,000 ft. (609m) Ethernet and PoE over long distance UTP cables
- Full PoE 802.3.af (15.4W), 802.3.at (36W) on all ports and up to 72W PoE on ports 1-4 and 17-20
- Automatically reconnects after data or PoE dropped connections
- Unique SecurPort™ protects against ghosting and hacking



The Vi31026/Vi31126 can transmit Ethernet and PoE over standard and extended UTP cables. They are cost effective and efficient in providing Ethernet and PoE for virtually any project with new or existing extended UTP cables. Ports 1-4 and 17-20 can provide up to 72W PoE power.



The Vi31126 is a 24-port managed Hybrid PoE switch that can transmit Ethernet and PoE over standard and extended distance UTP cables. It provides up to 36W PoE on each port and 72W PoE on ports 1-4 and 17-20. It is a cost effective and efficient solution for converting analog CCTV systems to IP or new installations.

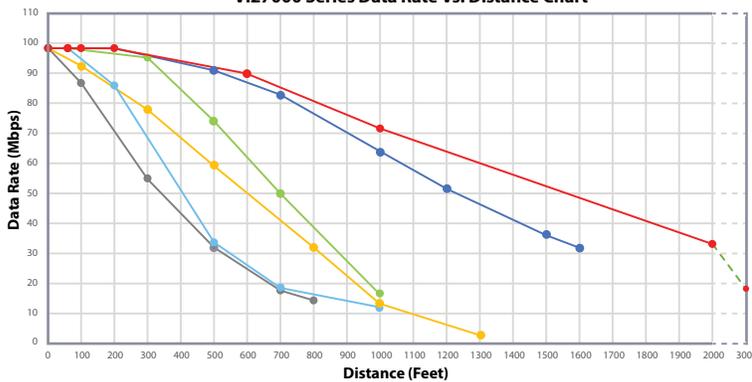
SINGLE PAIR ETHERNET & PoE EXTENDERS



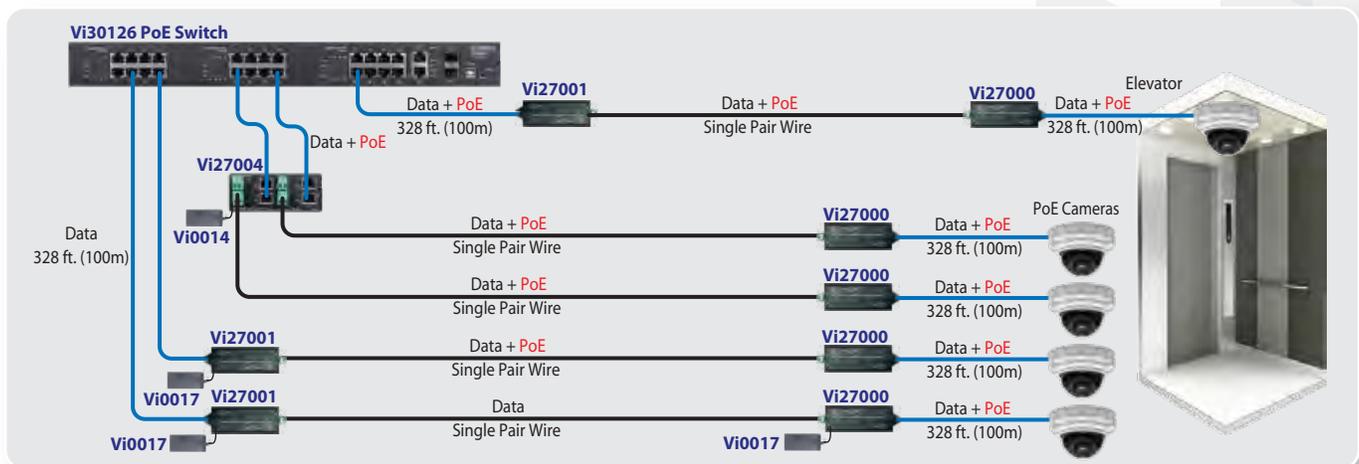
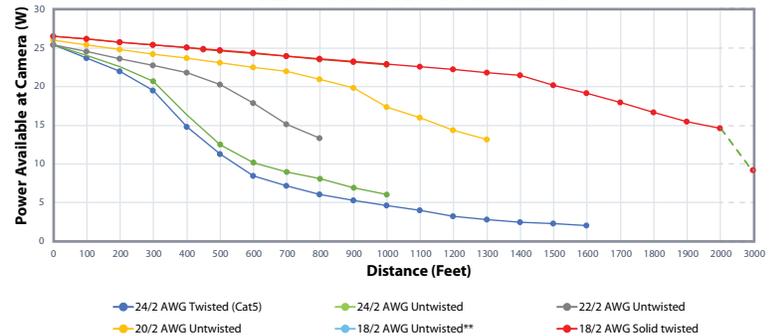
Model	Ports	Power Source	Function
Vi27000	1	48-57VDC or PoE	10/100 Ethernet & PoE Extender (Transmitter)
Vi27001	1	48-57VDC or PoE	Single port 10/100 Ethernet & PoE Extender, (Receiver)
Vi27004	4	12VDC	4-port 10/100 Ethernet & PoE Extender, (Receiver)

- Transmits Ethernet and PoE up to 3,000 feet (914 m) over Single-Pair Wires
- Network speeds up to 100Mbps over UTP, STP and untwisted pair wires
- Requires no switch setting or network programming
- Provides Pass-Through-PoE up to 36W
- Provides automatic Bandwidth detection

Vi27000 Series Data Rate Vs. Distance Chart



Vi27000 Series PoE Power Vs. Distance*

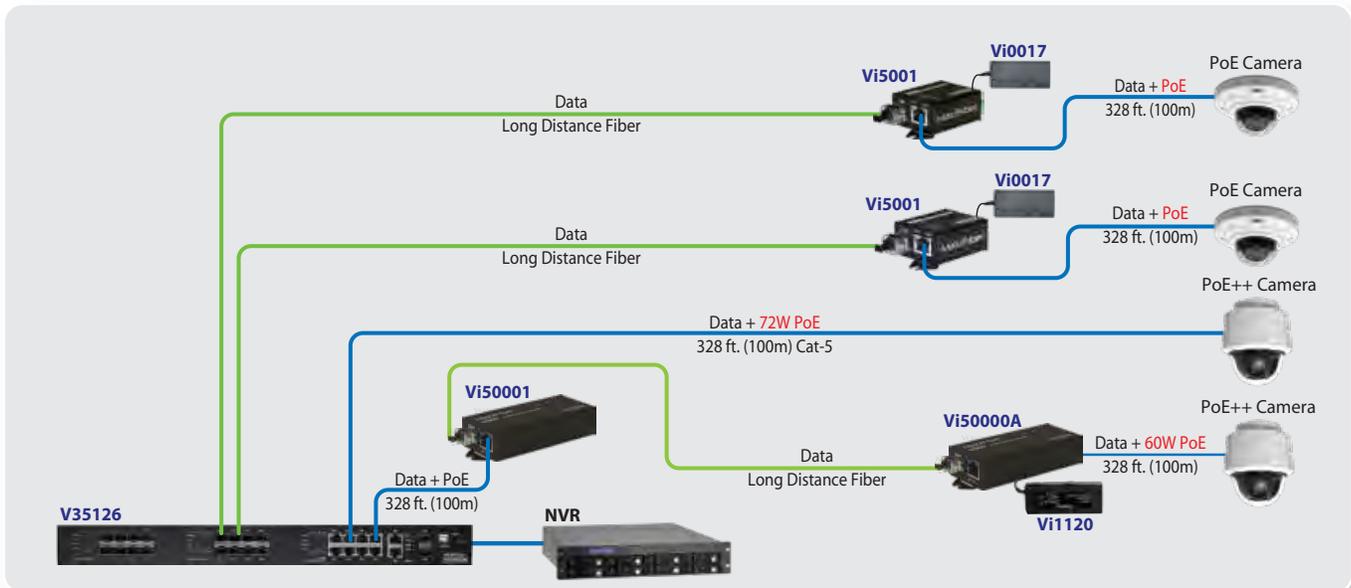


The Vi27000 series transmitter, receiver and IP cameras can be powered by a PoE switch.

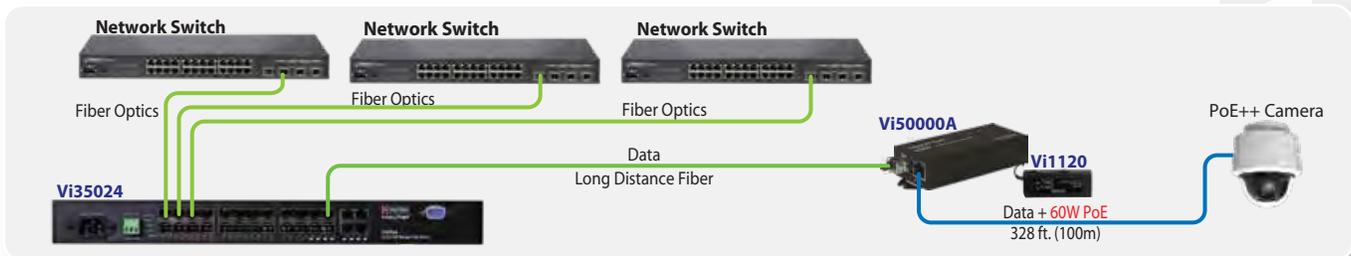
Both the Vi27001 and the Vi27000 can use local power supplies to power themselves and provide PoE to the IP cameras. Up to 4 Vi27004 Receivers can be mounted on a Vi5000R rack shelf to make a 16 port receiver.

FIBER OPTIC MANAGED SWITCHES & CONVERTERS

	Model	Function
	Vi5001	100Mbps Fiber Media convertor provides 30W PoE
	Vi5004	4-Port 100Mbps Fiber Media convertor
	Vi50000A	1G Mbps Fiber Media convertor provides 60W PoE
	Vi50001	1G Mbps Fiber Media convertor, powered by PoE or Local power supply
	Vi00850MM-H Vi01310MM-H Vi01310SM-H	Multimode 850nm SFP, up to 550m Multimode 1310nm SFP, up to 2Km Singlemode 1310nm SFP, up to 10Km
	Vi01000CH	1G Mbps Copper Tranceiver SFP
	Vi35126	16-Port Fiber Optic & 8-Port L2 Managed Hybrid PoE Switch w/ 550W PoE
	Vi35024	24-Port L2/L3 Lite, 1G Managed Fiber Optics Switch



The Vi35126 Hybrid fiber switch along with Vi5001 media convertor transmits IP video over long distance fiber optic cables at long distances while its copper port can provide power to cameras at up to 100m.

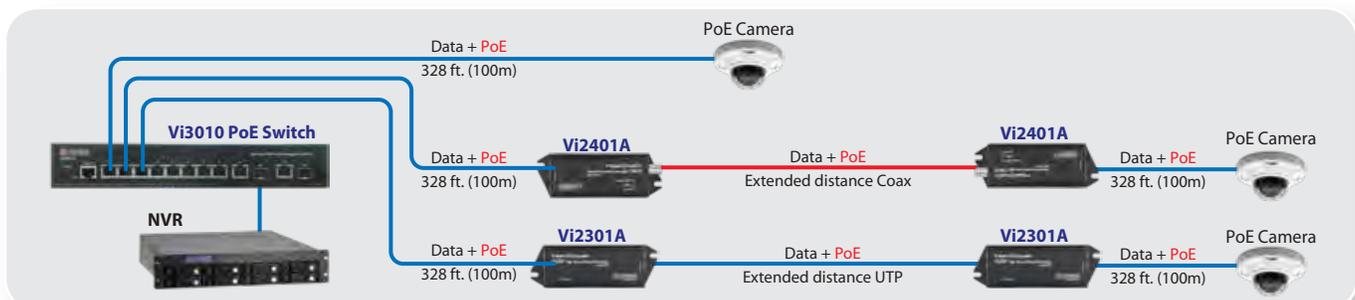


The Vi35024 can be used to combine data streams from several Network switches.

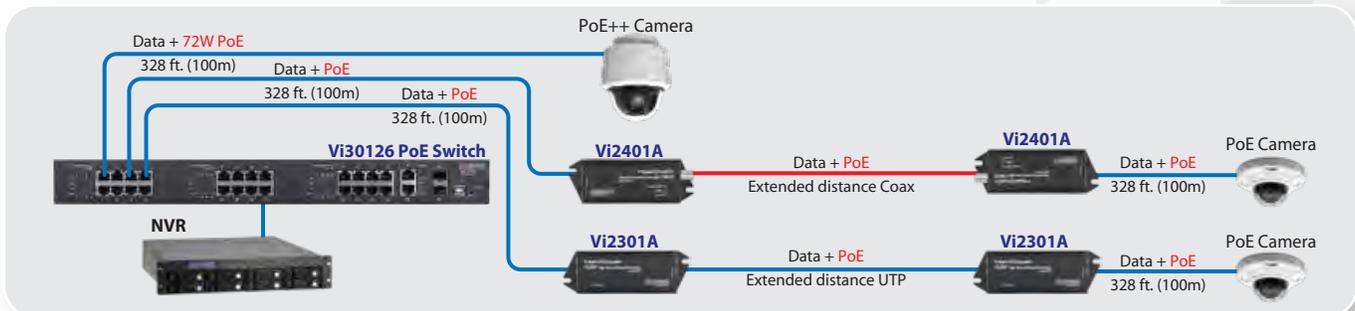
MANAGED PoE SWITCHES

	Model	Ports	PoE/ Port	Description
	Vi3010	8	30W	10/100/1G High Performance L2 PoE Switch w/ 185W PoE Budget
	Vi30018	16	36W/72W	10/100 L2 Managed PoE Switch w/ 550W PoE Budget
	Vi30126	24	36W/72W	10/100 L2 Managed PoE Switch w/ 550W PoE Budget
	Vi3026	24	30W	10/100/1G High Performance L2+Managed PoE Switch w/ 370W PoE Budget
	Vi3326	24	N/A	10/100/1G High Performance L2+ Managed Network Switch

- Layer 2+ High Power Managed PoE/Network switches
- The Vi3026/Vi3326/Vi3010 support Jumbo Frames up to 9600 bytes
- Automatically reconnects after data or PoE dropped connections
- Automatic one-step port and VLAN configuration for a wide variety of IP devices



The Vi3010 is a high power PoE switch that provides eight 10/100/1G Ethernet ports plus 2 1G combo uplink ports. It is ideal for small to medium IP CCTV or IT network applications.



The Vi30126 Layer 2 is the ideal solution for midsize to large projects. It provides all essential and extra features needed for a reliable and successful network implementation.

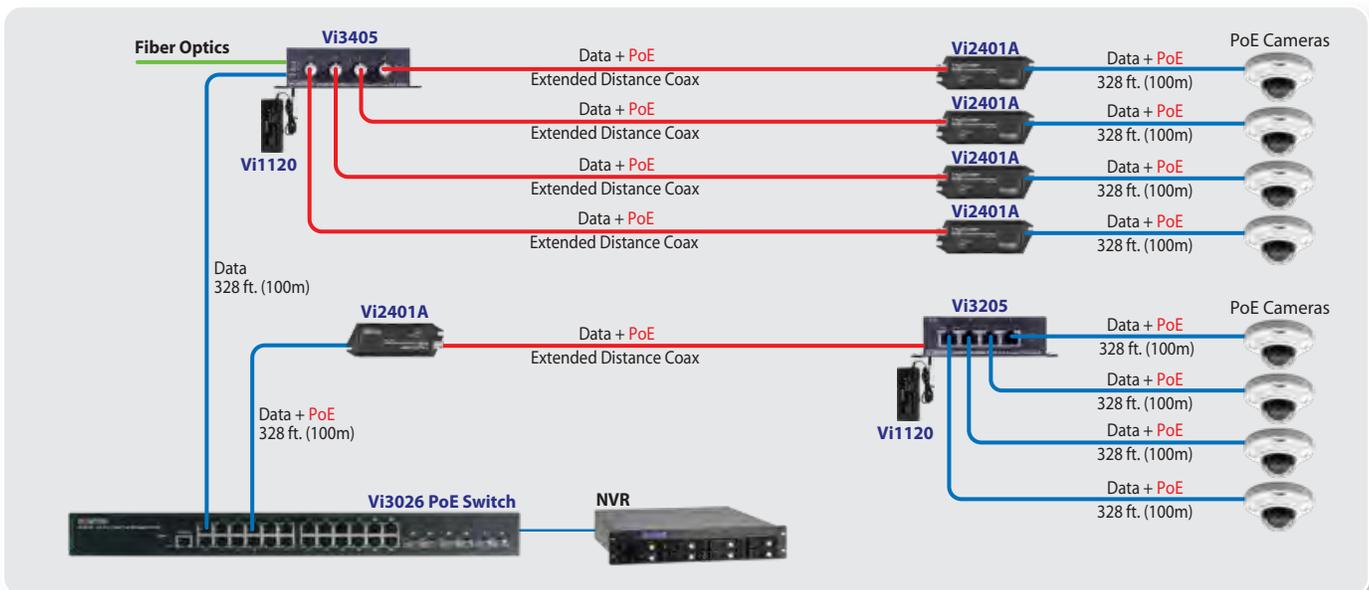


Selected Vigitron managed switches offer Virtual Auto Stacking, allowing use of a single IP address to control and monitor several switches on the same network without location restriction. It also eliminates the need for special stacking cables.

HARDENED PoE SWITCHES

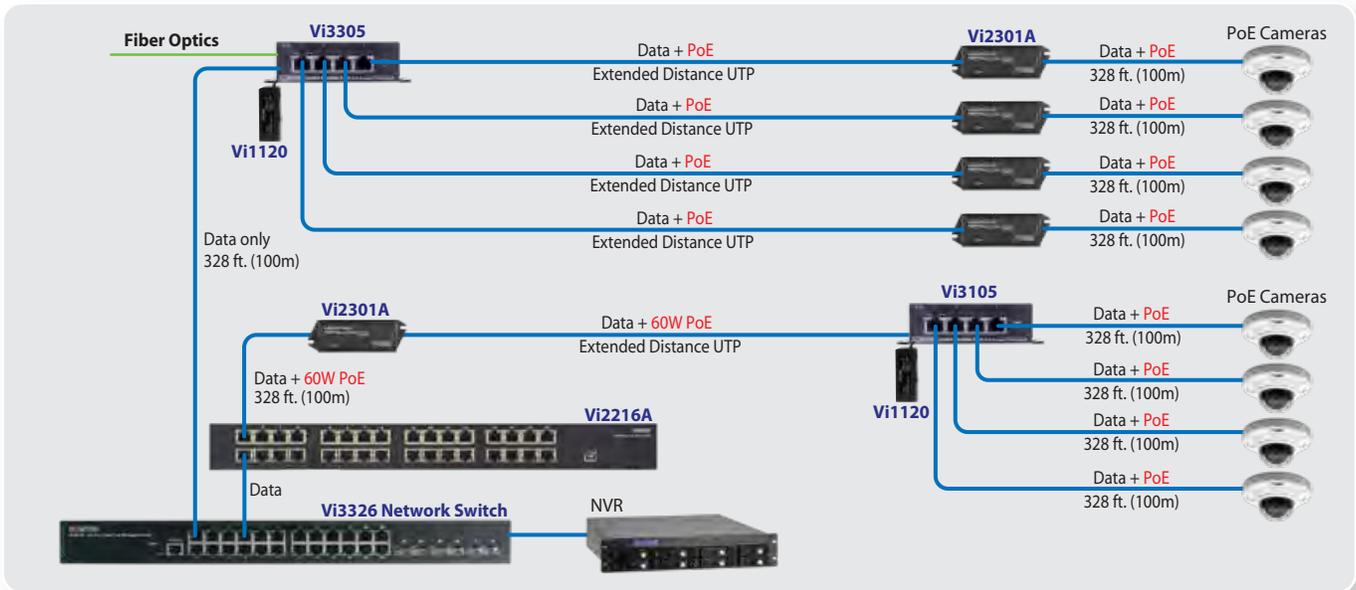
	Model	Ports	Uplink Ports	Function
	Vi3005	4 x UTP	1 x UTP 1 x Fiber	60W PoE Powered 10/100 PoE Switch
	Vi30005	4 x UTP	1 x UTP 1 x Fiber	60W PoE Powered 10/100/1G PoE Switch
	Vi30005W	4 x UTP	1 x UTP	60W PoE Powered 10/100/1G PoE Switch, IP67 Weatherproof
	Vi3105	4 x UTP	1 x Ext. UTP	60W PoE Powered 10/100 PoE Switch
	Vi3205	4 x UTP	1 x Coax	30W PoE Powered 10/100 PoE Switch
	Vi3305	4 x Ext. UTP	1 x UTP 1 x Fiber	37W PoE 10/100 Extended UTP PoE Switch
	Vi3405	4 x Coax	1 x UTP 1 x Fiber	37W PoE 10/100 Coax PoE Switch

- Type tested for -30°C to +75°C operating temperature range
- Automatically reconnects after data or PoE dropped connections
- Layer 2 fixed Managed PoE switches
- Each port can provide up to 36W

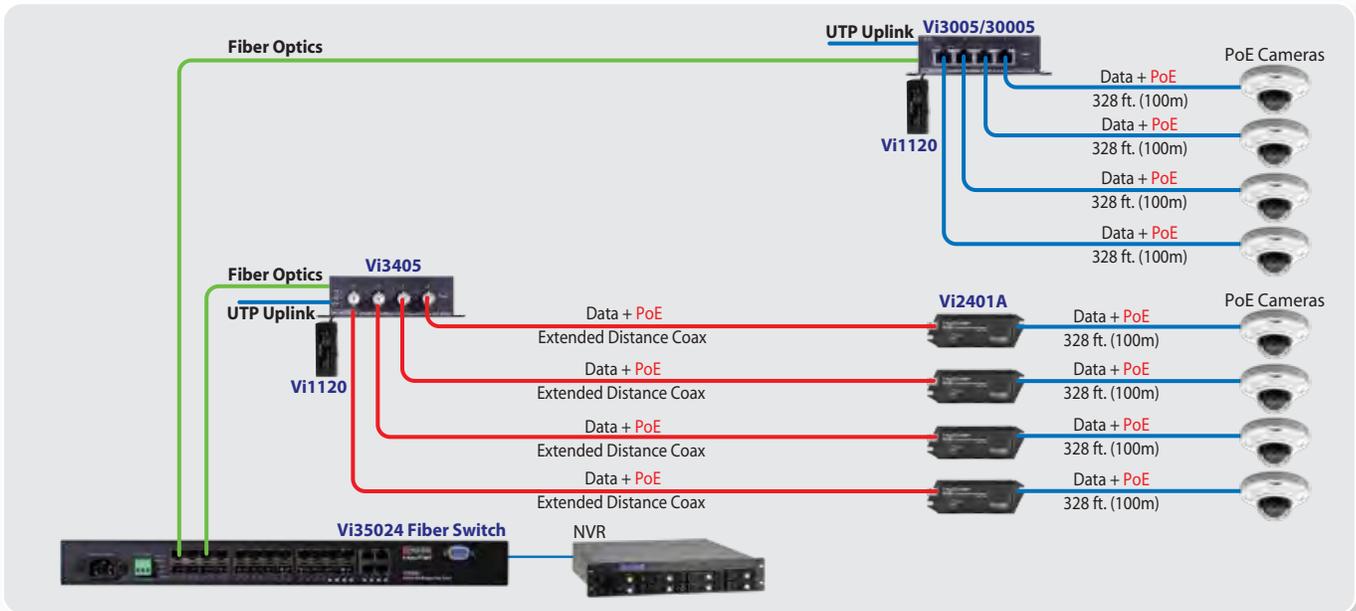


The Vigitron 5-port, layer 2, fixed management PoE switches provide flexible solutions for solving a wide variety of networking requirements.

HARDENED PoE SWITCHES



Vigtron's Vi3305 provides 4 extended UTP ports with a combination fiber and UTP uplink. The Vi3105 provides an extend UTP uplink with the ability to power both the switch and connected devices without the need for a local power supply. Each port is capable of providing up to 37W PoE depending on the input power supply.



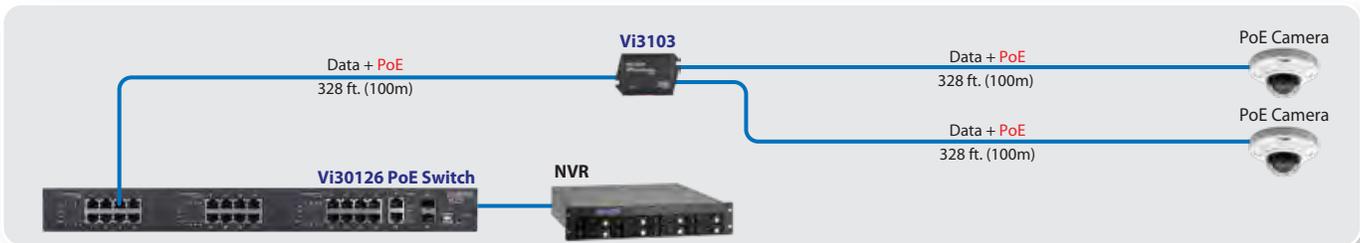
Vigtron's Vi3005 provides 4 10/100Mbps ports with PoE to connected devices. The Vi30005 provides 1000Mbps (1G) making it the perfect solution for connecting multiple network switches to minimize headend cable runs. Both Switches can be powered locally or by PoE eliminating the need for local power supply.

The Vi3405 provides a combination fiber and UTP uplink. Using Vi1120 power supply, the Vi3405 can provide up to 36W PoE to the Vi24001As and cameras.

All Vigtron hardened switches are capable of providing up to 37W PoE depending on the input power supply.

DROP & INSERT

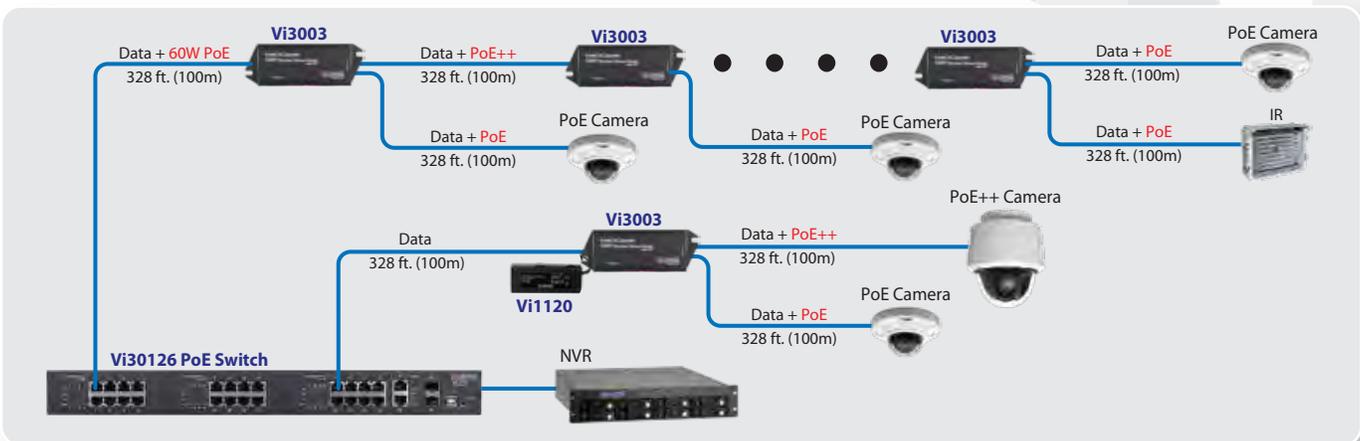
	Model	Ports	PoE	Function
	Vi3103	3 x Copper	36W	10/100 PoE Switch
	Vi3003	3 x Copper	36W/ 60W	10/100/1G 60W PoE powered PoE Switch / Drop&Insert
	Vi3003W	3 x Copper	36W/ 60W	10/100/1G 60W PoE powered PoE Switch / Drop&Insert, IP67 Weatherproof
	Vi3004	2 x Fiber 2 x Copper	30W/ 60W	10/100/1G PoE Switch / Drop&Insert, 100/240VAC Input
	Vi3004LV	2 x Fiber 2 x Copper	60W	10/100/1G PoE Switch / Drop&Insert, 24VDC/24VAC Input



The Vi3103 is a 3-port PoE powered PoE switch that can be used to add an extra camera without new wiring or used as a drop and insert. It can be powered by PoE or a local power supply and provide up to 36W per port.

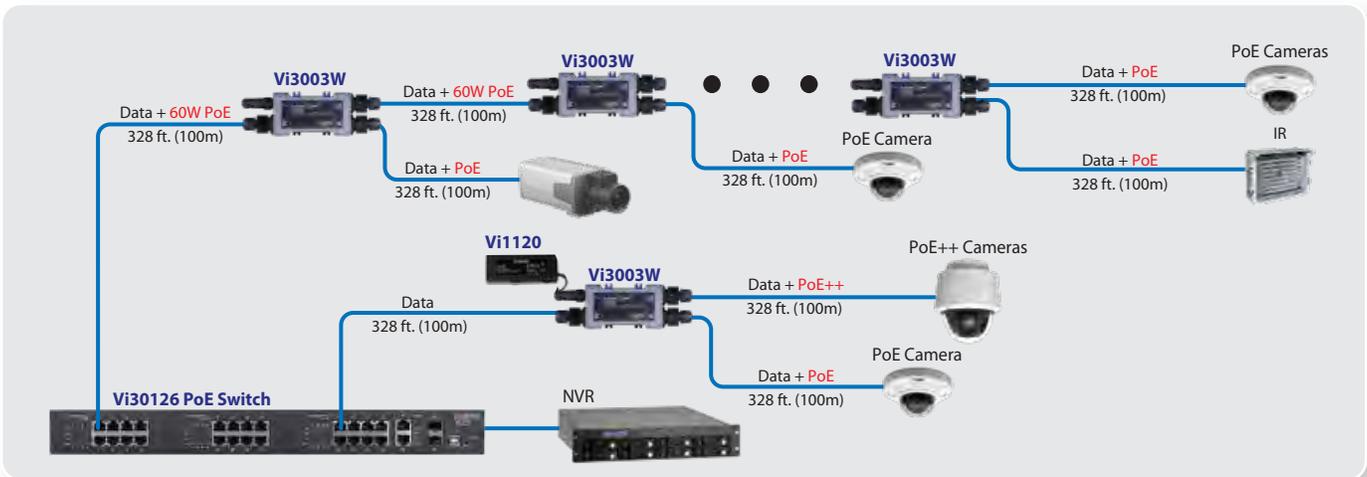


The Vi3003 enables 1G connection between network switches eliminating the need for using fiber optics.

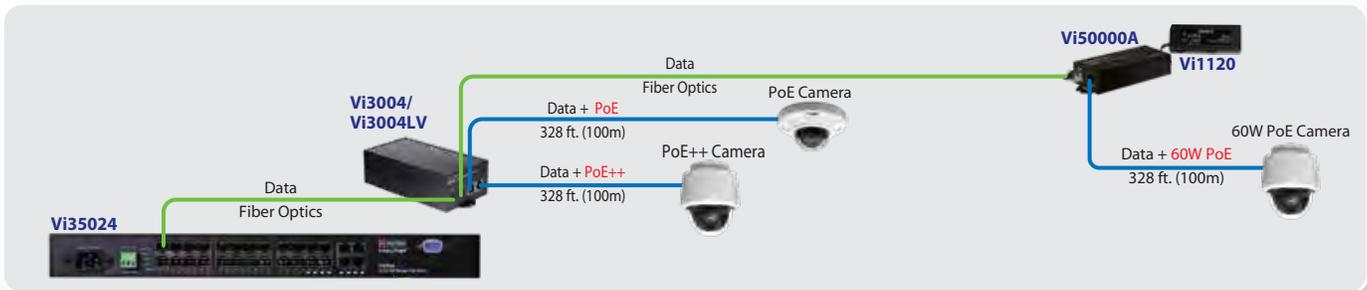


The Vi3003 is both a repeater and an L2 3-port network switch providing drop and insert capability. It can be powered by PoE or local power supply and providing up to 60W on one port and 36W on another port at 1000 Mbps. A local power supply can be used for powering 60W PTZ dome cameras.

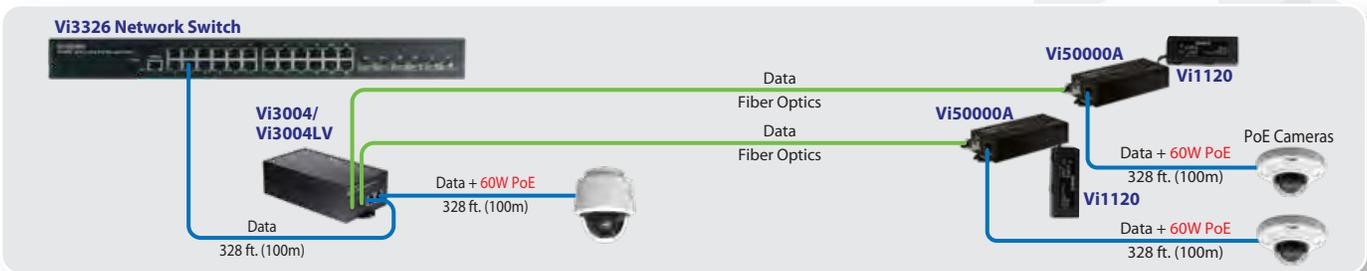
DROP & INSERT



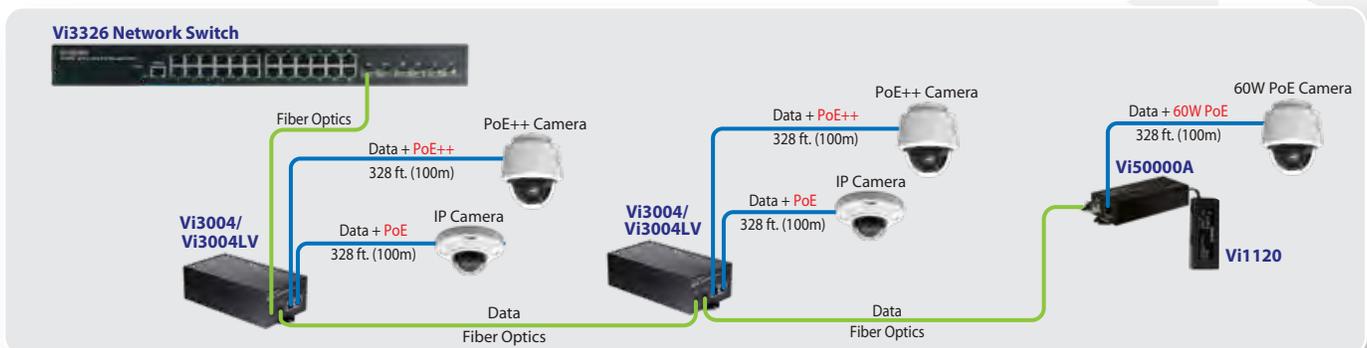
The Vi3003W is both a repeater and L2 3-port network switch providing drop and insert capability. It can be powered locally or from a power source and provide up to 60W to one camera at network speeds of 1000 Mbps.



The Vi3004/Vi3004LV can provide up to 60W PoE to high power cameras while transmitting data at long distances over fiber optics.



With Layer 2 network capacity, the Vi3004/Vi3004LV can be used to connect multiple cameras over Cat 5e/Cat 6 or fiber optics cables.



The Vi3004/Vi3004LV can provide up to 60W PoE on one port and 30W PoE on the second port. Their L2 network switching provide multiple drops over single cable runs and simplify installations. The Vi3004LV can use 24VDC or 24VAC power supplies.

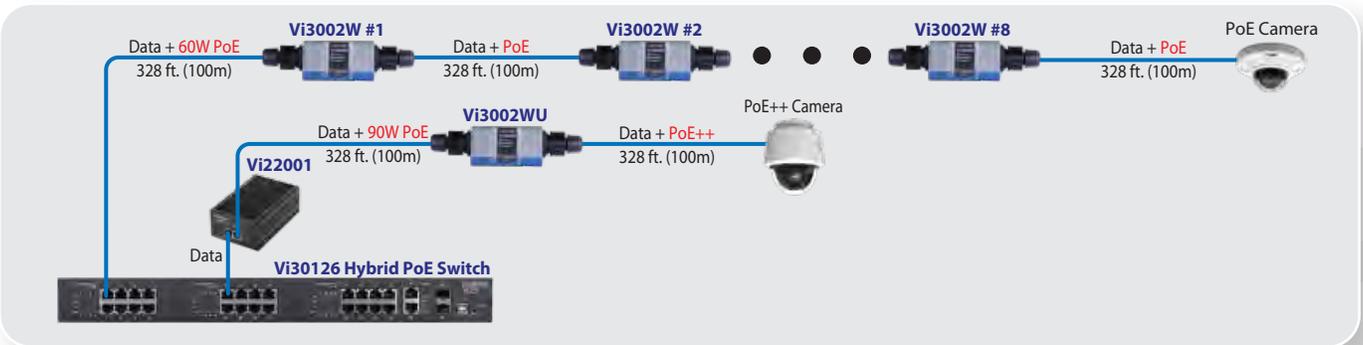
ETHERNET & PoE REPEATERS

	Model	Ports	Data (Mbps)	Description
	Vi3602	36W	10/100/1G	Ethernet and IEEE 802.3.af/at PoE Repeater Powered by PoE or local Power
	Vi3002	60W	10/100	Ethernet & IEEE 802.3.af/at/bt up to 60W PoE Repeater
	Vi3002U	90W	10/100	Ethernet & IEEE 802.3.af/at/bt up to 90W PoE Repeater
	Vi3002W	60W	10/100	Ethernet & IEEE 802.3.af/at/bt up to 60W PoE Repeater
	Vi3002WU	90W	10/100	Ethernet & IEEE 802.3.af/at/bt up to 90W PoE Repeater

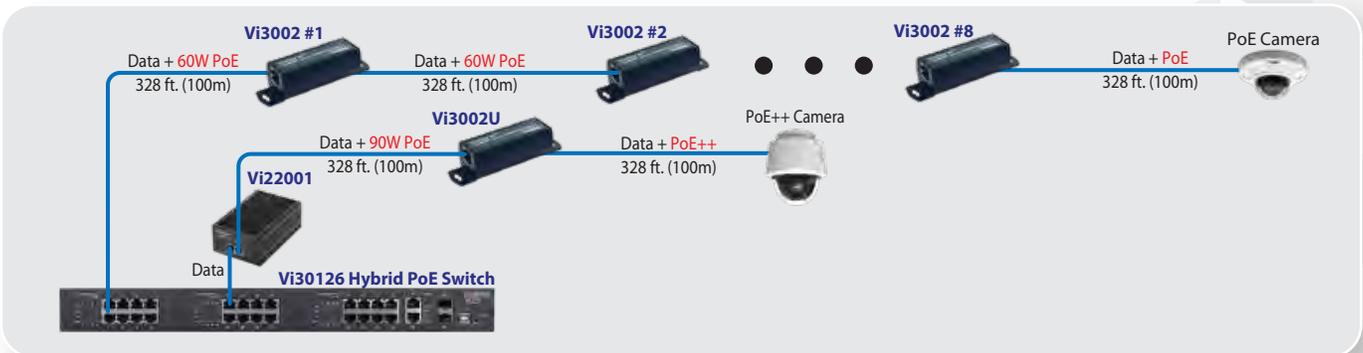
- Extends IP video & 60W PoE range up to 656 feet
- PoE powered with no need for local power
- Compact IP67 compliant weatherproof enclosure



The Vi3602 can connect 2 network switches at distances up to 656 feet (200m) at 1000Mbps.



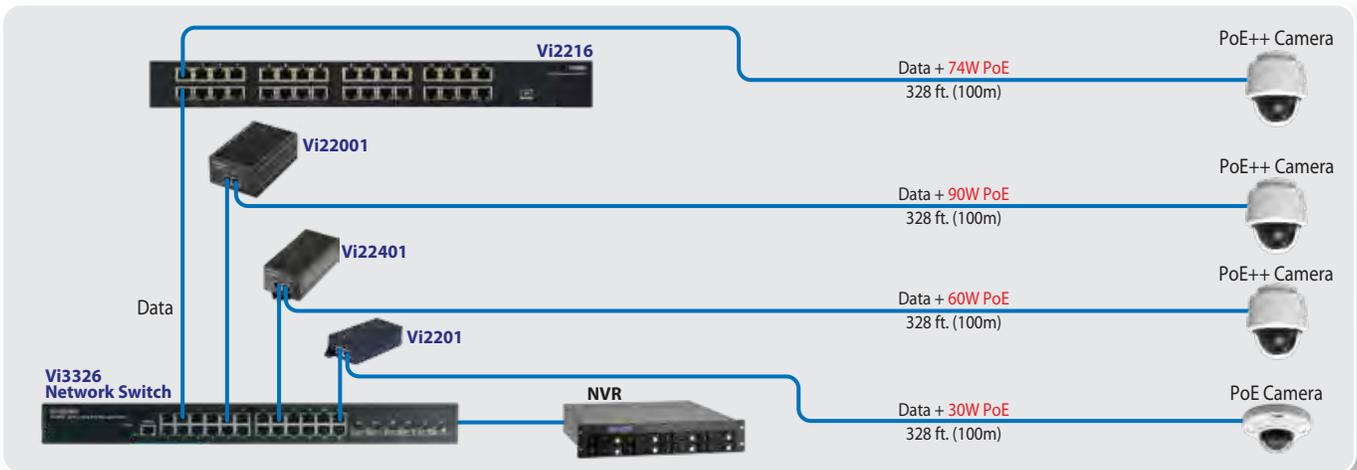
The Vi3002W/WU complies with IP67 standards eliminating the need for an extra outdoor housing. Their unique enclosure can easily be mounted to beams, buildings, or poles. Multiple Vi3002W/WUs, up to 8 units, can be used outdoor to extend Ethernet and PoE at desired distances.



Multiple Vi3002/Vi3002Us, up to 8 units, can be cascaded to extend Ethernet and PoE at desired distances.

MANAGED & UNMANAGED PoE MIDSPANS

	Model	Ports	PoE/Port	PoE Budget	Description
	Vi2201	1	30W	30W	IEEE 802.3.af/at Midspan
	Vi2202	2	60W	60W <small>(120W w/ External PS)</small>	IEEE 802.3.af/at, 60W Midspan
	Vi22401	1	60W	60W	IEEE 802.3.af/at, 60W Midspan
	Vi22001	1	90W	90W	IEEE 802.3.af/at.bt Midspan
	Vi22501	1	30W	30W <small>(w/ External PS)</small>	12-57VDC Input IEEE 802.3.af/at Midspan
	Vi22601	1	60W	60W <small>(w/ External PS)</small>	12-57VDC Input IEEE 802.3.af/at, 60W Midspan
	Vi2208A	8	74W	300W	Managed IEEE 802.3.af/at/, 74W Midspan
	Vi2216A	16	74W	550W	Managed IEEE 802.3.af/at/, 74W Midspan



Vigtron's wide range of managed and unmanaged PoE Midspans can support virtually any size IP CCTV project requiring IEEE 802.3af to IEEE 802.3bt up to 90W PoE power.

The Vi22xx includes Vi2200 V1 management software that runs on PCs. They offer several key features including:

- Allowing the Midspans to be set up, operated and monitored remotely
- Monitor up to 400 ports from multiple Midspans
- Built in SNMP and Email notification services

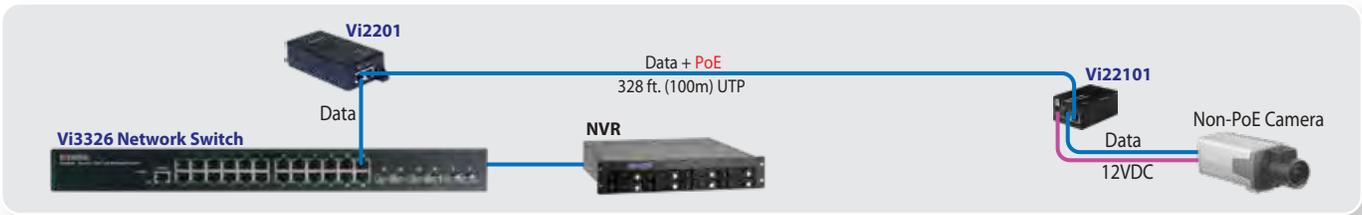


The Vi22601 is a compact and high power Midspan with 12VDC or 48-57VDC input that can provide PoE++ up to 60W for a wide variety of high power applications.

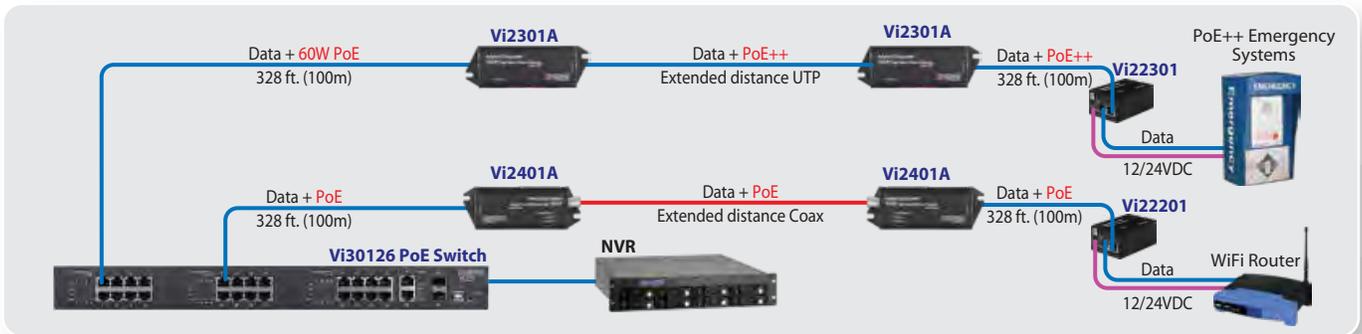
PoE SPLITTERS



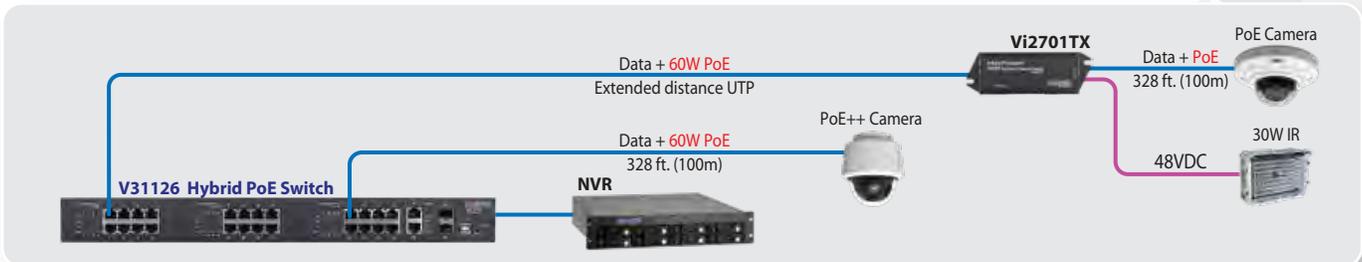
Model	Output Voltage	Output Power	Function
Vi22101	12VDC	12.95W	IEE802.3af (12.95W) PoE Splitter with 12VDC Output
Vi22201	12/24VDC	25W	IEE802.3af/at (25W) PoE Splitter with 12/24VDC Output
Vi22301	12/24VDC	60W	60W PoE Splitter with 30W 12/24VDC Output
Vi2701TX	48VDC	60W	60W PoE and Ethernet Extender & Splitter (for Camera Side)



The Vi22101 is a compact and low cost PoE splitter that can provide up to 12.95W at 12VDC power to non-PoE cameras.



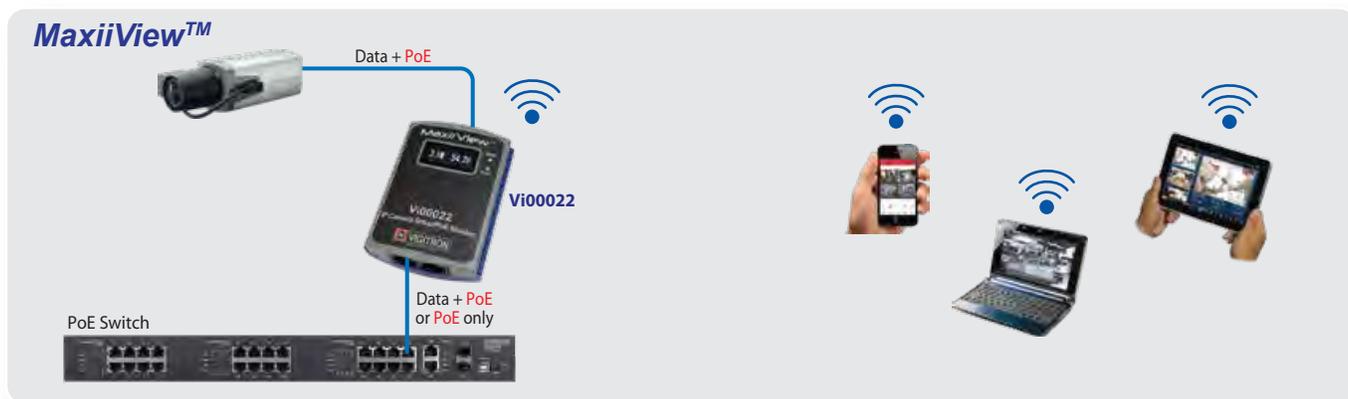
The Vi22201 and Vi22301 can be used along with Vigitron's Vi2300 or Vi2400 extender series to provide 12VDC or 24VDC at the remote locations to power non-PoE IP cameras or other IP devices requiring DC power input.



The Vi2701TX is capable of accepting 60W PoE input at long distances and eliminate the need for local power supplies. It can provide PoE output to the cameras as well as DC voltage to accessories.

IP CAMERA TEST TOOLS

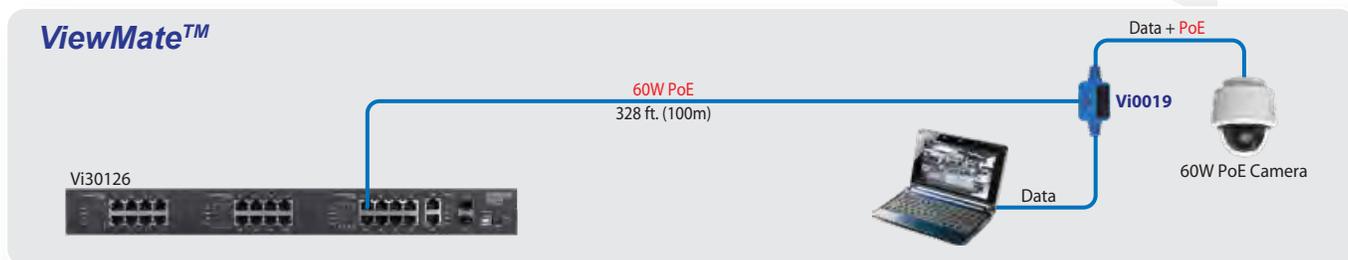
	Model	Description
	Vi0019	60W PoE Camera Setup Tool
	Vi0021	30W wired IP Camera Setup & PoE Test Tool
	Vi00022	30W wireless IP Camera Setup & PoE Test Tool



The Vi00022 is a wireless and wired PoE camera set up tool that provides PoE from a network to the camera while transmitting the video stream from the camera to WiFi devices. It enables the installer to view the camera image on a wide variety of wireless devices and set up the camera. It displays PoE voltage and power to the camera on its digital display. It can be used to troubleshoot PoE output power and cable connections and save valuable installation time by pinpointing the specific problem areas. The Vi00022 uses PoE and does not require a separate power supply.



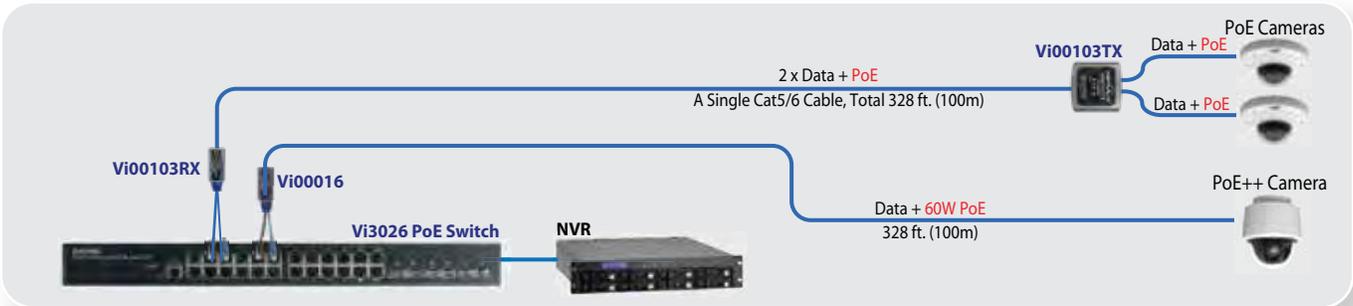
The Vi0021 is a wired PoE camera set up tool that provides PoE from a network to the camera while directing the video stream from the camera to a laptop. It enables the installer to view the image and set up the camera. It displays PoE voltage and power to the camera on its digital display. It can be used to troubleshoot PoE output power and cable connections and save valuable installation time by identifying the specific problem areas. The Vi0021 uses PoE and does not require a separate power supply.



The Vi0019 is a wired PoE camera set up tool that provides PoE from a network to the camera while directing the video stream from the camera to a laptop. It enables the installer to see the image and set up the camera. It can pass through up to 60W PoE and also provides LED indicators that show the status of PoE. The Vi0019 uses PoE and does not require a separate power supply.

PoE Accessories

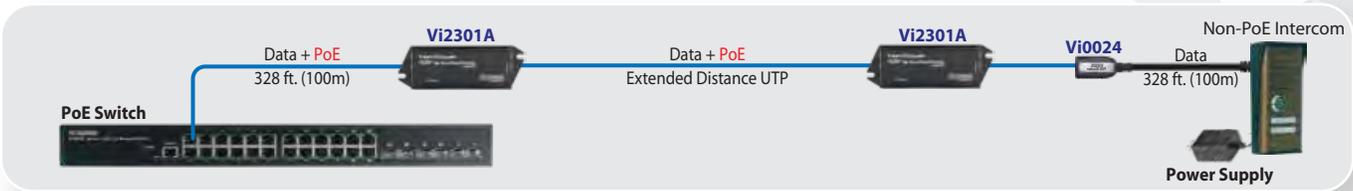
Model	Description
 Vi00016	Combiner cable for 74W PoE for all PoE Midspans and Switches
 Vi00024	PoE Enabler to power extenders when using with non-PoE devices
 Vi00025	Blocks PoE power to Connected IP Devices
 Vi00026	PoE Class changer
 Vi00103	NetMux™ Ethernet & PoE Port Multiplexer



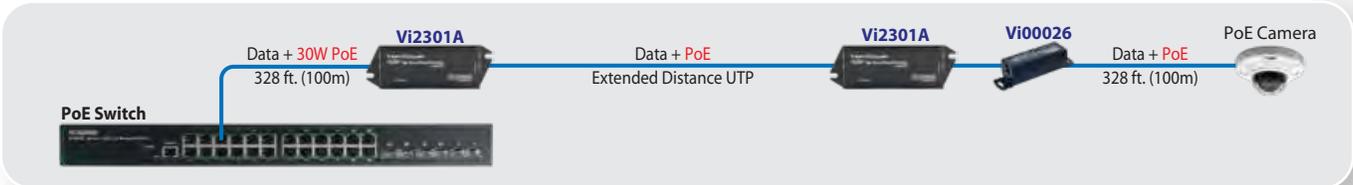
The Vi00016 can combine 2 PoE ports of any IEEE 802.3.at and provide up to 74W PoE power. The Vi00103 can transmit 2 IP streams and PoE over a single Cat5e/6.



The Vi0025 blocks PoE when “Always On” PoE ports are connected to non-PoE ports.



The Vi0024 enables PoE to Ethernet extenders when using with non-PoE devices.



The Vi00026 requests maximum IEEE 802.3at, at 30W from the PoE source regardless of the connected PoE load power request level. It makes it possible to force the PoE source to provide extra power when the system is using extenders at long distances.

ACCESSORIES

POWER SUPPLIES & MOUNTING ADAPTERS

	Model	Description
	Vi0012	12VDC, 12W Wall-Mount Power Supply
	Vi0014	12VDC, 36W Wall-Mount Power Supply
	Vi0017	48VDC, 40W Desktop Power Supply
	Vi1120	56VDC, 120W Desktop Power Supply
	Vi10120*	56VDC, 480W Din-Rail, Hardened Power Supply
	Vi10240*	56VDC, 240W Din-Rail, Hardened Power Supply 56VDC
	Vi10480*	56VDC, 240W Din-Rail, Hardened Power Supply 56VDC
	Vi00100	Din Rail Mount for Vi1120
	Vi00101	Din Rail Mount for Vi3005, Vi3105, Vi3205 5-port Switches
	Vi00102	Din Rail Mount for Vi30005, Vi3305, Vi3405 5-port Switches
	Vi5000B	Fiber Media convertor blank panel
	Vi5000R	Fiber Media convertor Rack Mounting Kit
	Vi2001	Standard/Extended Ethernet Port Surge Protector

* Available Q2 2020



Network Switch



IP Camera



60W PoE Extender

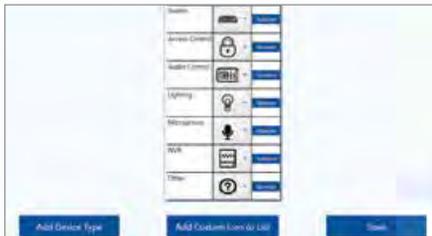
The Vi2001 is an in-line surge protector providing up to 15KV in free space and 8KV contact to ground protection. It is compact and does not require a separate ground wire.

NETWORK HEALTH MONITORING APPLICATION

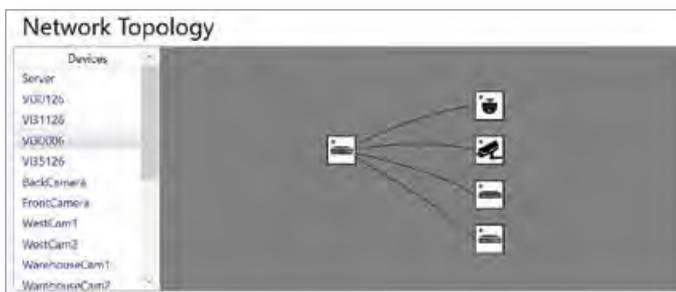
NetObserver™ is a Windows™ based health monitoring database software. It receives status messages from up to 240,000 connected devices using SNMP, TCP, UDP and Syslog resulting in an almost universal interface.



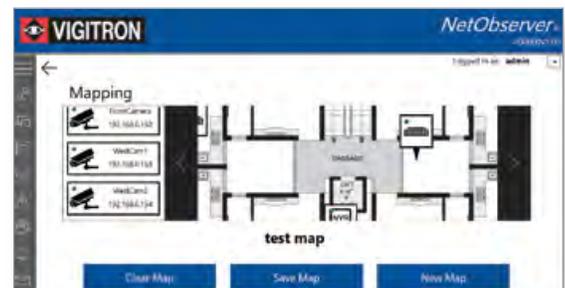
NetObserver™ Vi3000.V1



- Icons can be used to note types of devices and custom icons can be loaded. Operator can create custom names and messaging.



- Topographical maps can be created to show connections and status of individual devices.



- Maps can be uploaded with devices positioned showing operating status.

Log		
Date	Time	Description
		Actual alert for trigger: VIG126 Test Alert Description: Failed Ping Test
12/6/2019	1:38 PM	Test: VIG126 Test IP Address: 192.168.0.102 Ping Length: 3252 Ping Count: 2 Interval: 5 Seconds Actual alert for trigger: VIG126 Test Alert Description: Failed Ping Test
12/6/2019	1:48 PM	Test: VIG126 Test IP Address: 192.168.0.101 Ping Length: 3518 Ping Count: 2 Interval: 5 Seconds Actual alert for trigger: VIG126 Test Alert Description: Failed Ping Test
12/6/2019	1:53 PM	Test: VIG126 Test IP Address: 192.168.0.101 Ping Length: 3518 Ping Count: 2

- Custom filtering creates logs which can be further filtered and downloaded as .CSV and .TXT files.

Form for sending email alerts:

To:

Recipients:

SMTP Server:

Port: Enable SSL

Email Address:

Email Password:

Subject:

Body:

- A built in email generator sends operator customized alerts via public and private emails.

NetStat						
ALL SNMP TCP UDP Syslog						
Date	Time	Source Device	Source IP	Description	Protocol	

- Messaging, names can be customized to notify operators to a variety of network alerts and status helping to decrease troubleshooting time and maintaining network operations.

Please visit Vigatron's website at www.vigatron.com to see all NetObserver's features and download a Free Run version.

Why choose Vigitron?

- Over 2 decades of design and manufacturing products for security applications
- Full range of networking products for any size project
- Free and without obligation professional Design Services
- Industry's longest warranty, production life time plus 3 years
- All product specifications are supported by certified testing
- Products are designed and made with U.S.A. quality

One Solution for all your CCTV Transmission applications

MaxiiCopper™

- COAX ETHERNET EXTENDERS
- UTP ETHERNET EXTENDERS

MaxiiFiber™

- FIBER MEDIA CONVERTERS
- MANAGED FIBER SWITCHES

MaxiiPower™

- POE++ SPLITTERS
- POE++ MIDSPANS

NetObserver™

- NETWORK HEALTH MONITORING APPLICATION

OmniCopper™

- UTP ETHERNET & PoE EXTENDERS

MaxiiNet™

- MANAGED HYBRID POE SWITCHES
- MANAGED PoE SWITCHES
- HARDENED PoE SWITCHES
- ETHERNET & PoE REPEATERS

MaxiiView™ / MaxiiMate™

- IP CAMERA SETUP TOOLS

● ● ● ● and many more ...



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Presented by:

