



GRID

Available from:



1-877-420-2926
www.grid-corp.com



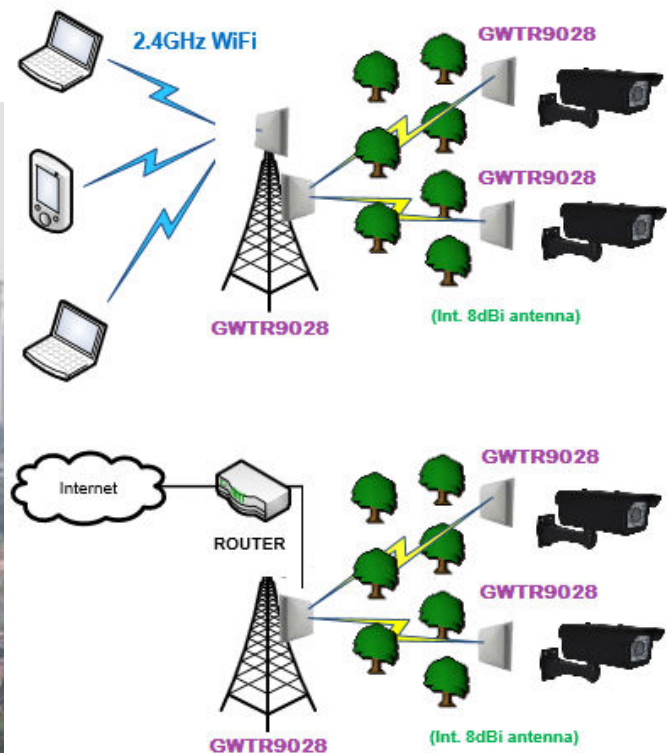
900Mhz Outdoor Wireless Unit



These units are intended for use in applications with Near Line-of-Sight conditions (NLOS). These versatile and cost-effective units can be configured as Access Point (AP), Point-to-Point (PxP) or as Customer Premise Equipment (CPE) This product series features a High performance radio with a peak power of +29dBm, and advanced networking and management capabilities including NAT Routing, DHCP Server, QoS, WEP/WPA/WPA2 Security, and Bandwidth Throttling

- Low Power - Requires only 7 Watts! (Solar Friendly Power Draw)
- Supports 802.11 b/g modes
- DSSS Technology in 802.11b mode
- OFDM Technology in 802.11g mode
- Quality of Service (QoS)
- Dual Powered Ethernet Ports
- Web-Based Interface
- Robust NAT Routing
- Security (WEP, WPA, MAC Authentication)
- Tunneling Protocol support
- Configuration LEDs (if in Access Point mode)
- Alignment LEDs (if in Client Adapter mode)
- SNMP
- Includes: PoE, Boot-Cover, Mounting Kit (Dual Ethernet Boot Cover Optional)
- All-in-One Units with Integrated Panel Antenna
- Operating Temperature -60 °C- 60 °C
- 5/10/20MHz Selectable Channel
- Dimensions 13.22" x 10.28" x 3.50" (336mm x 261mm x 89mm)
- Weight 2.4lbs (1.1Kg)
- IP67, NEMA 4X

Up to 2km



5.8Ghz Outdoor Wireless Unit

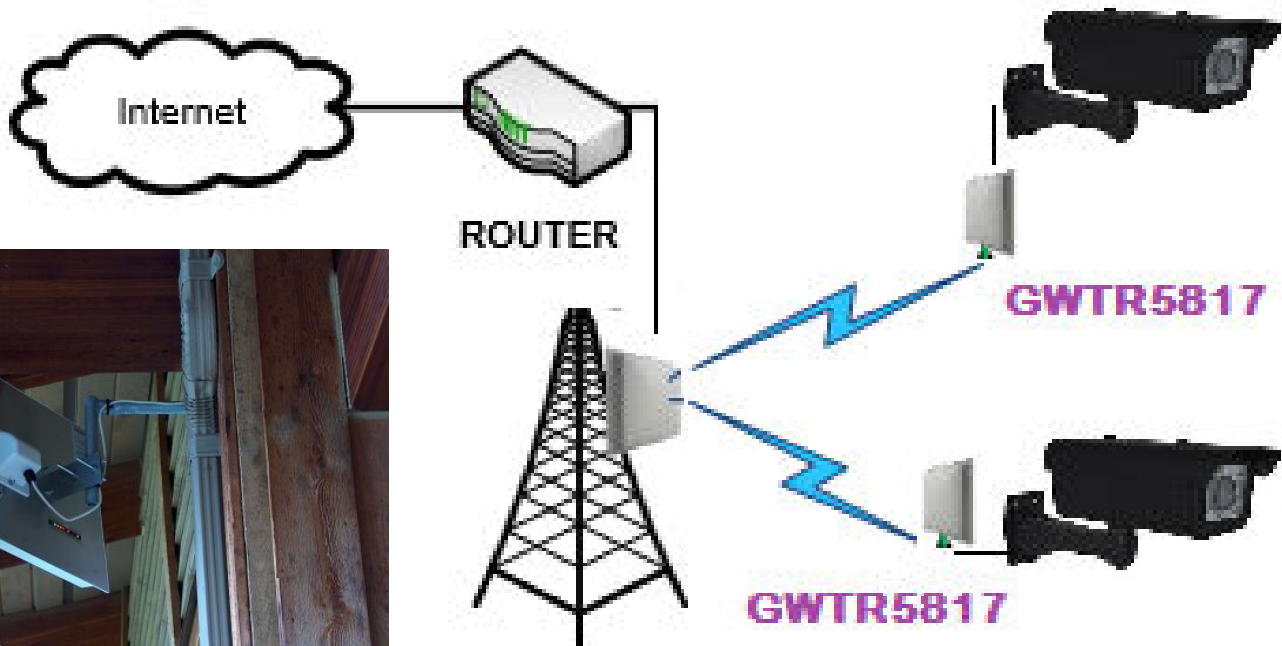


The compact design, with Grounding System and enhanced ESD protection, features an integrated 17dBi directional panel antenna and a high performance radio with up to +26dBm output power. An N-Type connector is also available for applications requiring an external antenna. The all-in-one design comes complete with a passive PoE injector and DC adapter, requiring a single CAT5 cable for power and data, yielding the lowest cost of ownership.

For applications of Point-to-MultiPoint & Point-to-Point and can be configured in AP, CPE or WDS Modes.

- Low Power - Requires only 8 Watts! (Solar Friendly Power Draw)
- IEEE 802.11a/n Compliant
- 5/10/20/40Mhz Channel Widths
- Freq Range 5100-5900Mhz (Not approved for 5.4Ghz in USA)
- AP/CPE/AP Repeater/Bridge Modes
- Up to 300Mbps Data rate
- Up to +26dBm Transmit Power with Adjustable Output
- Integrated 17dBi Panel Antenna with Alignment LED's
- External N-Type Antenna Connector Options
- WEP/WPA/WPA2 Security, and WMM QoS
- NAT Routing,VPN-Pass-Through TCP/IP,UDP,DHCP,WDS,STP,Telnet, FTP, SNMP
- Power-over-Ethernet (PoE)
- Easy to Install All-In-One Unit
- Web-based Management Tools
- Compliance: ROHS, FCC Part 15 subparts, Industry Canada
- Operating Temperature -40 °C- 70 °C
- Dimensions 13.22" x 10.28" x 3.50" (336mm x 261mm x 89mm)
- Weight 1.8lbs (.81Kg)
- IP67, NEMA 4X

Up to 5km



2.4Ghz Outdoor Tri-Mode Wireless Unit

This series of wireless LAN products are IEEE 802.11b/g/n compliant, operate in the license-free 2.4GHz frequency band, and support data rates of up to 150 Mbps. The versatile multi-mode design supports both AP and CPE modes, as well as WDS and Bridge modes. It also features advanced networking and management capabilities including WEP/WPA/WPA2 security, WMM QoS, and NAT Routing. The GWTR2415 offers new options such as up to 4 Virtual Access Points, VLANs, narrow channels, and Layer 2 transparent Bridging. The compact GWTR2415 design features a high performance radio with up to +24dBm output power. An N-Type connector is also included for applications requiring an external antenna. The all-in-one design comes complete with a passive PoE injector and DC adaptor, requiring a single CAT5 cable for power and data, yielding the lowest cost of ownership. The GWTR2415 also features a weather-resistant enclosure that is compliant with the IP55 environmental standards, requiring minimal installation and maintenance costs in conditions ranging from -50°C to +60°C.



For applications of "Point-to-Point

Up to 300m

- Supports 802.11 b/g/n modes
- 5/10/20/40Mhz Channel Widths
- Freq Range 2402-2482Mhz
- AP/CPE/WDS Modes
- Up to 150Mbps Data rate
- Quality of Service (QoS)
- Up to +24dBm Transmit Power with Adjustable Output
- 15dBi Panel Antenna with Alignment LED's
- External N-Type Antenna Connector Options
- WEP/WPA/WPA2 Security, and WMM QoS
- Includes: PoE, DC Adapter, Mounting Kit
- Operating Temperature -50 °C- 60 °C
- Package Dimensions 7.75" x 5.25" x 2.20" (195mm x 130mm x 52mm)
- Weight 0.95lbs (431g)
- IP55

GWTR24150

Omni-Directional
7.25dBi Antenna
version



GWTR2415WMB

Wall Mount Bracket

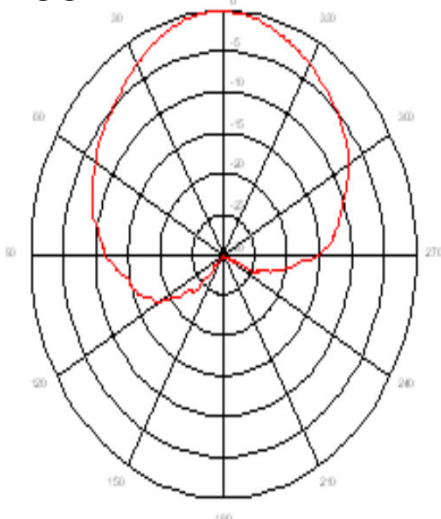
Dual Polarization Variable Beamwidth Sector Antenna



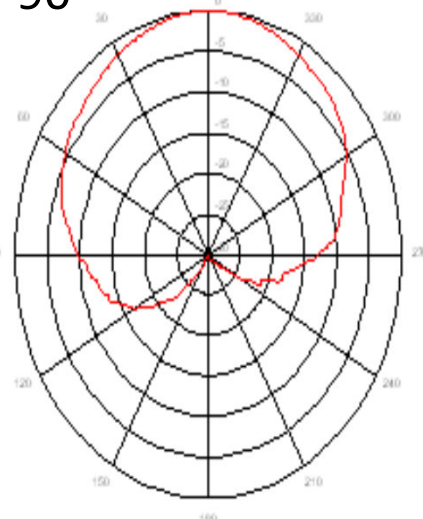
- Wide range of beamwidths, 1 SKU
- Mechanical slide for easy field adjustments
- Ultra wideband frequency performance
- High gain antenna in compact package
- Low profile, rugged design for outdoor use
- US Engineered
- Manufactured under strict US quality control procedures
- Wind Survivability 125mph (201kph)
- UV Stabilized ABS plastic, gray
- 5 lbs (2.3kg)
- 15 x 6.4 x 2.5in (Excluding Bracket and Adjustment Slide)
- Type-N Jack (2)
- Pole Mount Diameter: 2.0 to 2.75in (5.0 to 7.0cm)
- Operating Temperature: -49°F to 149°F (-45°C to 65°C)
- IP65
- Mechanical downtilt: +15 deg/ -30 deg
- 4.94-5.875 GHz
- Dual Linear – Vertical and Horizontal

RF Patterns Horizontal Cut, typ.

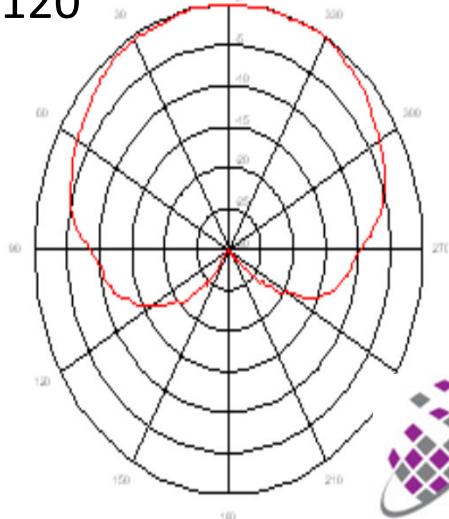
60°



90°



120°





GRID

GMSU5

Mobile Surveillance Unit

- **Fixed and PTZ Options**
- **Visible & Thermal camera options**
- **NVR / DVR / VMS options**
- **Wireless options**
- **Solar / battery options**
- **IR Illuminator & Lighting options**
- **Surge protection options**
- **Custom Decal Options**



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GRID

GMSU4

Mobile Surveillance Unit

- Fixed and PTZ Options
- Visible & Thermal camera options
- NVR / DVR / VMS options
- Wireless options
- Battery options
- IR Illuminator & Lighting options
- Surge protection options
- Custom Decal Options



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GIPPOE300

IP / POE - Power over Ethernet Extender is a "PoE extender over coax" solution. By using novel RF technology, it can extend the transmission distance of power and 100Mbps Ethernet data over 200-305m (650~1000ft) of RG6/RG59 video-grade coax cable & 100m / 328ft Cat5e/Cat6 in receiver side.

- Standard: IEEE 802.3af
- Speed: 10/100 Mbps, full duplex
- Cable: RG6 video-grade coaxial cable or above
- Transmission distance: 200~305m(650~1000ft) coaxial cable + 100m UTP in RX side
- Power Consumption: TX <=1W , RX<=2.5W
- Class 3 powered device available
- Output/Input Interface: BNC connector
- Fast and easy to install



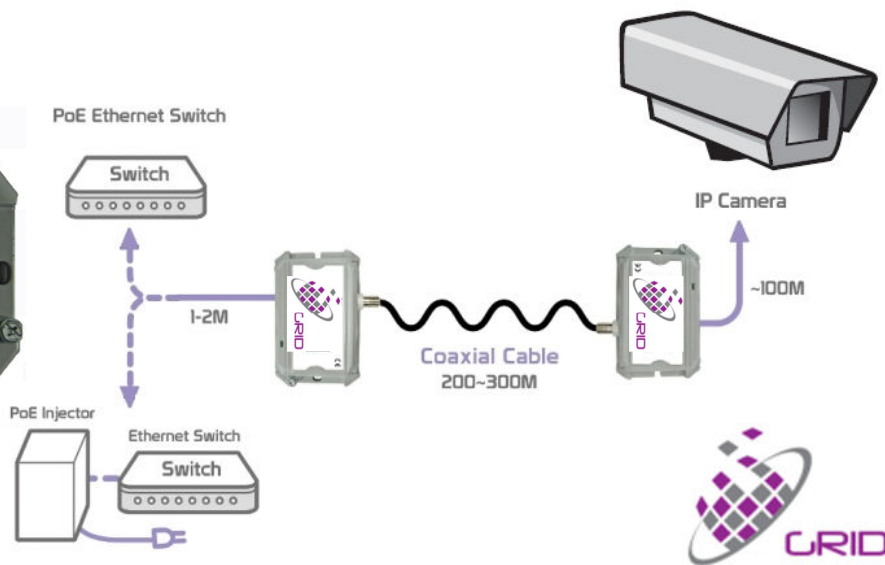
High Power (PoE) extender-30Watt, IEEE802.3at version

GIPPOE330

IP / POE - Power over Ethernet Extender is a "PoE extender over coax" solution. By using novel RF technology, high power over Ethernet extender (PoE) is a breakthrough technology based on coaxial cable to deliver high power (>30W) and long reach up to 305m (1000ft) to feed remote PD device. This new technology is using an external 40W PSE which is compatible with 802.3at or pre-at version or even non-standard 802.3af, with low DC resistance.

- Standard: IEEE 802.3at
- Speed: 10/100 Mbps, full duplex
- Cable: RG6 video-grade coaxial cable or above
- Transmission distance: 200~305m(650~1000ft) coaxial cable + 100m UTP in RX side
- Power Consumption: TX <=1W , RX<=2.5W
- Class 3 powered device available
- Output/Input Interface: BNC connector
- Fast and easy to install

IEEE 802.3at



IP / POE Extenders over UTP - Passive

GIPPOEAZMAX

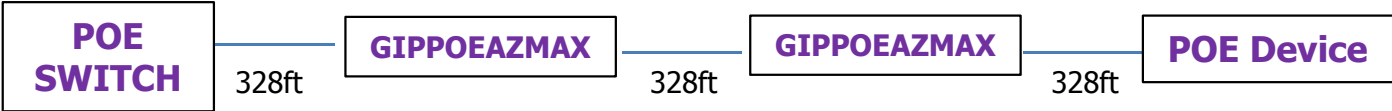
This device enables installers to overcome the TIA distance limitations of Ethernet and Power over Ethernet (POE), meaning that IP cameras, wireless access points, and other POE-powered network devices can be located right where they are needed saving money and hassle for installers and IT Professionals.

Connect in-line with the Cat5 or Cat6 network cable for every extra 100 metres (328 feet) of length required. No configuration or electrical supply is needed, and full-rate network throughput is maintained. This is to be used on POE devices only!

Camera power	6W	12W
Range with POE switch	1312ft	656ft



OR



GIPPOE1000M

POE/LAN Repeater Extender of both power and data to beyond 325ft. Send Power Over Ethernet to remote sites .Passive, no power need. Compatible with universal IEEE 802.3af POE standard. This Mid Span repeater will allow up to 500 ft on either side allowing for 1000 ft total distance.



IP Extenders - Active

GIP02

IP extender is designed to extend any TCP/IP devices for long range transmission up to 6000ft over existing coaxial .

It is completely transparent to protocols, codes, and applications ensuring compatibility with any IP camera and its management software.

It is perfect solution for sending IP video links to remote camera installation that are beyond the 325ft distance limit of Ethernet.

1000ft 50Mbps
2000ft 45Mbps
3000ft 40Mbps
5905ft 20Mbps



GIP03

IP extender is designed to extend any TCP/IP devices for long range transmission up to 4000 ft over existing cost effective CAT5 cable.

It is completely transparent to protocols, codes, and applications ensuring compatibility with any IP camera and its management software.

It is perfect solution for sending IP video links to remote camera installation that are beyond the 325 ft distance limit of Ethernet.

300M 50Mbps
600M 40Mbps
1200M 20Mbps



GIR3000

- **Visible distance & Beam Angle :**
250m(820ft), 15° / 170m(558ft), 25° / 100m(328ft), 60°
- **Wave Length :** 740nm, 770nm, 850nm, 940nm
- **Power Consumption :** Under 48W,
Max DC 12V/AC 24V, 4A
- **Weight :** 2.7kg
- **Dimension :** 196(W) x 250(L) x 88.5(H)mm
- **Adjustable illumination intensity**
- **Adjustable built-in photocell**
- **2 or 3 units connection available**
- **IP67 Rated**

Superb illumination in long range

GRID's special LED delivers infrared illumination covering over 250m (1unit) to 500m (3units).



Flexible and Easy installation

Scientific structure and various angles covering over 180° provide user more convenient usage and installation environment. Bracket sold separately.



GIR2000

- **Visible distance & Beam Angle :**
180m(591ft), 15° / 120m(394ft), 25° / 80m(262ft), 60°
- **Wave Length :** 740nm, 770nm, 850nm, 940nm
- **Power Consumption :** Under 24W, Max DC 12V/AC 24V, 2A
- **Weight :** 1.8kg
- **Dimension :** 152(W) x 205(L) x 67.5(H) mm
- **Adjustable illumination intensity**
- **Adjustable built-in photocell**
- **IP67 Rated**



GIR1000



- **Visible distance & Beam Angle :**
130m(426ft), 15° / 70m(230ft), 25° / 40m(131ft), 60°
- **Wave Length :** 740nm, 770nm, 850nm, 940nm
- **Power Consumption :** Under 12W, Max DC 12V/AC 24V, 1A
- **Weight :** 1.0kg
- **Dimension :** 112(W) x 153.5(L) x 65.5(H) mm
- **Adjustable illumination intensity**
- **Adjustable built-in photocell**
- **IP67 Rated**

GIR1508

- **Visible distance & Beam Angle** : 150m(429ft), 15°
- **Wave Length** : 740nm, 770nm, 850nm, 940nm
- **Power Consumption** : Under 18W, Max DC 12V, 1.5A
- **Weight** : 1.7kg
- **Dimension** : 110(W) x 143(L) x 119(H)mm
- **IP66 Rated**



GIR0808

- **Visible distance & Beam Angle** : 80m(260ft), 60°
- **Wave Length** : 850nm
- **Power Consumption** : Under 18W, Max DC 12V, 1.5A
- **Weight** : 1.7kg
- **Dimension** : 110(W) x 143(L) x 119(H)mm
- **IP66 Rated**



GSPLVP Low Voltage Power Surge Protector

Application for protects equipment from high voltage surges such as lightning strikes. UL grounding requirements for coaxial cable offer protection from hazardous voltages that may occur on the shielding. Because of the physical length of ground wires, UL grounding systems may appear as an open circuit to lightning caused, high frequency surges and provide no protection from these surges getting into a home and destroying CATV converters, TV sets, VCR, DVRs, Sat Receivers, Cameras etc. Max Power Input AC 40V(MAX), DC56V(MAX), 4 KV , 1ns, 300 surges of 100Amps , 10,000 MΩ



GSPWR Line Voltage AC100v-120v Surge Protector

Performs a different function than grounding requirements. Providing protection against lightning stroke for AC power loops. Protects equipment from high voltage surges from nearby lightning strikes. Providing protection for equipments or instruments with power consumption below 10Amp.

Terminal connector to terminal connector.

Application for protect AC100-120V

Surge current capacity 6000A (8x20uS) Surge voltage capacity 6,000V (1.2uS x 50 uS)



GSPUTP UTP Video RJ45 Surge Protector

Performs a different function than grounding requirements. Protects equipment from high voltage surges from nearby lightning strikes.

Two stage protection: 130V, AC/DC 12V

RJ45 Jack to RJ45 Jack

Two pairs protection (pair 2 & pair 4)

Protects UTP twisted pair transmission products

Max Surge voltage 4 KV



GSPIP01 Network Surge Protector

Performs a different function than grounding requirements. Protects equipment from high voltage surges from nearby lightning strikes.

Two stage protection: under100ns – 90V, over 100ns-12V.

Wide range of applications: IP Cameras, NVRs, Network Devices & Computers

Max Surge voltage 4 KV , 10ns, DC 90V, AC 90Vp-p, 65 Vrms at 10 Amps



GSPPOE1 POE Surge Protector

Designed to protect Power-Over-Ethernet (POE) data/communication lines in local and wide area networks up to 100 Base-T transmission speeds

Performs a different function than grounding requirements.

Protects equipment from high voltage surges from nearby lightning strikes.

RJ45 Jack to RJ45 Jack

Power and signal line protection.

10/100 Base-T CAT5/CAT5e compatible.

802.3af POE (Power over Ethernet) compatible.

Application for POE (Power over Ethernet) protection.

Max Surge voltage 4 KV , 1ns



GSPNVR16 16 Ch. Network Surge Protector for NVR in 1U Rack Mount

16 x RJ45 Jack to 16x RJ45 Jack.

10/100/1000 Base-T CAT5/CAT5e compatible.

VRWM $I_{R} \leq 1\mu A$, VR $I_{R} = 1mA$, ILEAK VR = 5V

Clamp.Vtg: IPP = 1A, tP = 8/20 μ S, I/O to GND , IPP = 5A, tP = 8/20 μ S, I/O to GND, IPP = 8A, tP = 8/20 μ S, I/O to GND



GSPPOE16 16 Ch. Network Surge Protector for POE Switch in 1U Rack Mount

16 x RJ45 Jack to 16x RJ45 Jack

Application for 16 channel POE hub (Power over Ethernet) protection.

10/100/1000 Base-T CAT5/CAT5e compatible.

Support Mid-Span POE and End Span POE.

802.3af POE compatible.

Respective Peak Off - Stage Voltage $V_{DRM@IDRM} = 5\mu$: 58V

Switching Voltage $V_S@100V$: 77 V

Minimum Holding Current: 150 IH mA

Switching Current: 800 Is mA

On Stage Current: 2.2 IT A





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