Genie

IPWBE5PTPK
1x Point To Point 1Km IP Bridge & Injector

The IPWBE5PTPK is a universal, small and compact device. Distances and throughputs will vary in all environments, but typically you can expect up to 2Km - 300 Mbps. Added with another IPWBE5PTPK, you can create a point to point IP Bridge or with a IPWB590SB to create a multi-point solution.

IPWBE5PTPK

Key Features

- Small, Neat and Compact Design
- 5.150 - 5.850 GHz (FCC 5.150 - 5.250 and 5.725 - 5.850 GHz)
- 80,000 PPS
- 300 Mbps (Radio Speed) (10/100 LAN)
- High Output Power 29 dBm Radio
- Directional Offset Dish Antenna (27 dBi) or an Integrated Panel Antenna (15 dBi)
- Powerful OS
- Smart Polling Data Transmission Protocol (iPoll 2)
- IP67 Rated
- Free WNMS (WNMS – Wireless Network Management System)
- Responsive HTML 5 based GUI
- Pole Mount Bracket Supplied
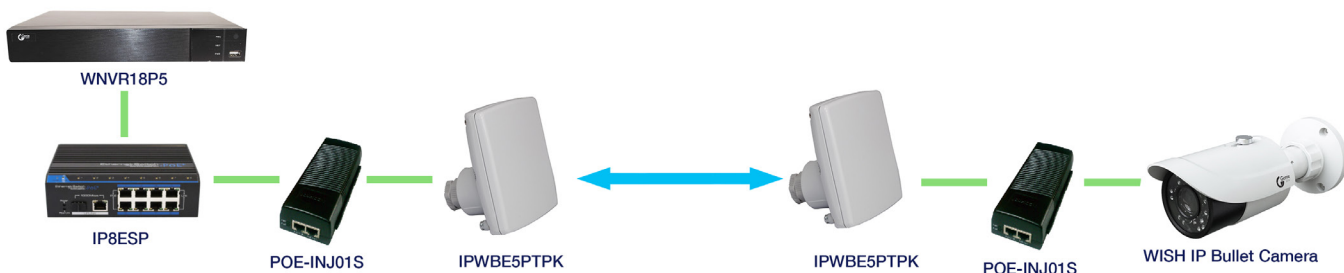- LED Signal Strength Indicator

Accessories

IPWB520PTPK
Point to Point 2Km IP Bridge & Injector

IPWB590SB
2Km Access Multi-Point Receiver

System Drawing

WNVR18P5

IP8ESP

POE-INJ01S

IPWBE5PTPK

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POE-INJ01S

WISH IP Bullet Camera

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British Born Company

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Specification

Model Number	IPWBE5PTPK
WLAN Standard	IEEE 802.11 a/n, iPoll (Proprietary)
Radio Mode	MIMO 2x2
Radio Frequency Band	5.150 - 5.850 GHz (FCC 5.150 - 5.250 and 5.725 - 5.850 GHz)
Transmit Power	Up to 29 dBm (Environmentally Dependent)
Receive Sensitivity	Varying between -97 and -75 dBm depending on Modulation
Channel Size	5,10, 20, 40 MHz
Modulation Schemes	802.11 a/n: OFDM (64-QAM, 16-QAM, QPSK, BPSK)
Data Rates	300 Mbps (Radio Speed) (10/100 LAN)
Error Correction	FEC, Selective ARQ
Duplexing Scheme	Time Division Duplex
Antenna Type	Directional Offset Dish Antenna or an Integrated Panel Antenna
Antenna Gain	Dish (27 dBi), Panel (15 dBi)
Interface	10/100 Base-T, RJ45
Wireless Operating Modes	Access Point (Auto WDS), Access Point (iPoll 2), Station (WDS, iPoll 2), Station (ARP NAT)
Wireless Techniques	Smart Station Polling, Smart Auto-Channel, Adaptive Auto Modulation, Automatic Transmit Power Control (ATPC)
Wireless Security	WPA/WPA2 Personal, WPA/WPA2 Enterprise, WACL, User Isolation
Wireless QoS	4 Queues Prioritisation on iPoll 2
Network Operating Modes	Bridge, Router iPv4, Router IPv6
Network Techniques	Routing with and without NAT, VLAN
WAN Protocols	Static IP, DHCP Client, PPPoE Client
Services	DHCP Server, SNMP Server, NTP Client, Router Advertisement Daemon, Ping Watchdog
Management	HTTP(S) GUI, SSH, SNMP Read, WNMS, Telnet
System Monitoring	SNMP v1/2c/3 server, Syslogs, System Alerts via E-mail and SNMP Trap
Power Supply	Site Survey, Link Test, Antenna Alignment
Power Consumption	4.5W
Operating Temperature	-40°C ~ +65°C
Humidity	0 ~ 90 % (Non-Condensing)
Dimensions	90 (H) x 90 (W) x 70 (L) mm
Unit Weight	185g

Genie Access reserves the right to change specifications without notice. Please contact your representative to confirm current specifications.

Dimensions (mm)