Genie

IPWB520PTPK
1x Point To Point 2Km IP Bridge & Injector

The IPWB520PTPK is a universal device. Distances and throughputs will vary in all environments, but typically you can expect up to 2Km - 300 Mbps point to point. To create a multi-point solution, add the IPWB590SB.

IPWB520PTPK

Key Features

- 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
- Integrated Dual-Polarised 20 dBi Directional Antenna
- Powerful OS
- Smart Polling Data Transmission Protocol (iPoll 2)
- IP65 Rated
- Free WNMS (WNMS – Wireless Network Management System)
- Responsive HTML 5 based GUI
- Wall and Pole Mounting Supplied
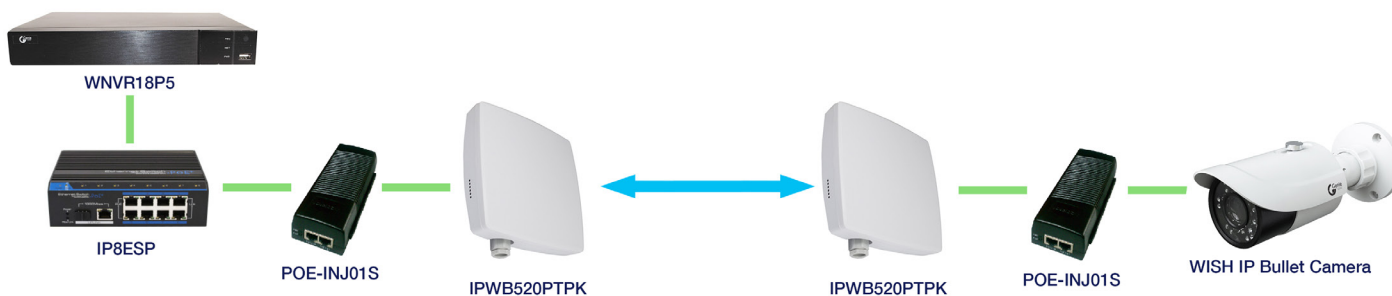- LED Signal Strength Indicator

Accessories

IPWB590SB
2Km Access
Multi-Point
Receiver

IPWBE5PTPK
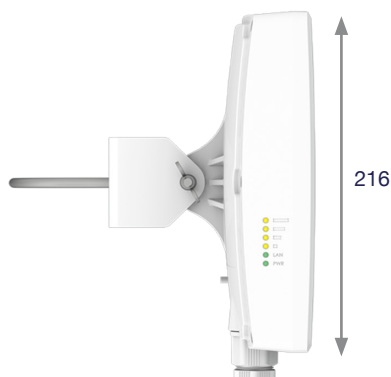Point to Point
1Km IP Bridge &
Injector

System Drawing

WNVR18P5

IP8ESP

POE-INJ01S

IPWB520PTPK

IPWB520PTPK

POE-INJ01S

WISH IP Bullet Camera

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Specification

Model Number	IPWB520PTPK
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 (Country 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	Integrated Dual-Polarised Directional Panel Antenna
Antenna Gain	20 dBi
Interface	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	DC24V Passive PoE (PoE Adapter included)
Power Consumption	4.5W
Operating Temperature	-40°C ~ +65°C
Humidity	0 ~ 90 % (Non-Condensing)
Dimensions	216 (H) x 80 (W) x 184 (L) mm
Unit Weight	413g

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

Dimensions (mm)

216

Side View

184

80

Back View

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