



Product Datasheet

EZ-Go[®]+



The EZ-Go[®] is a high power 25dBm (316mW) outdoor wireless access point or client device operating in the 2.4GHz or 5GHz unlicensed frequency spectrum providing real world throughput up to 100 Mb/sec. It complies with the 802.11g/n or 802.11a/n standards to insure interoperability. It supports VOIP, VPN, multiple MAC addresses and DHCP.

With its password verification, MAC address authentication, SSID suppression and advanced WPA encryption, the system provides the best available wireless data security. If changes to the pre-configured settings are desired, they can be easily done thru the built-in web interface. There are no drivers or software that needs to be loaded to the computer.

The EZ-Go[®] comes complete with a powerful 14dBi 802.11g/n or 16dBi 802.11a/n MIMO antennas with built-in high power electronics, Bracket Kits which accommodate pole or wall mounting and Cat5e rated PoE (Power over Ethernet) power inserters with 24VDC auto-ranging power supplies. Customer needs to supply CAT5 cabling between the power inserter and the antenna and between the power inserter and his computer, router or switch.

With its advanced software, the EZ-Go[®] supports multiple operating modes, including; Access Point, Access Point (WDS), Client, Client (WDS), WAN Gateway, WLAN Gateway

FEATURES	BENEFITS
High Power 250mW Electronics and powerful 14dBi antenna. EIRP = 6.3W	Operation at long distances and up to 100 Mb/sec
Advanced EZOS Software	No driver needed. Easy configuration thru web interface and remotely. Multiple Operating Modes. Plug and Play installation. Antenna alignment utility. Bandwidth management. Data Logging and statistics graphing.
64 and 128bit WEP, WPA and WPA2 Encryption	Most powerful data security available
Seamless Roaming	Allows users to roam between access points without loss of connection
DHCP Client or Server	Simplifies network administration
MAC Address filtering	Ensures secure network connection in all operating modes
VOIP Friendly QOS	Quality Of Service mechanism to ensure good Voice Over IP performance
SNMP	Compatible with your favorite network management software
Power over Ethernet (PoE)	Antennas can be mounted up to 100meter (300') from the power source
EZ-Bridge [®] Network Expansion	EZ-Go [®] are compatible with the EZ-Bridge [®] wireless bridge systems and can be used to expand the network to multiple buildings

TECHNICAL SPECIFICATIONS

Data Rates

2.4GHz 802.11n: up to 300Mbps
2.4 GHz 802.11g: up to 54Mbps
5GHz 802.11n: up to 300Mbps
5GHz 802.11a: up to 54Mbps

Standards

IEEE802.11g/n, 802.11a/n, 802.3, 802.3u

Power Requirements

Power Supply: 100-240VAC 50/60Hz
EZ-Bridge®: 12VDC to 24VDC Passive PoE
Average Power Consumption: 4W

Regulatory Certifications

FCC Part 15 / UL

RF Frequency Band

2400 ~ 2497 MHz
5100 ~ 5850 MHz

Modulation Technology

802.11n: TDMA
802.11g: OFDM
802.11a: OFDM

Receive Sensitivity (Typical)

802.11n: -90 dBm
802.11g: -75 dBm
802.11a: -75 dBm

Transmit Power

25dBm 316mW

DC Connector Power Out

Input Voltage @ Max 10W

Antenna

2.4GHz 14dBi MIMO Panel Antenna, 35deg Beamwidth, >20dB front to back
5GHz 16dBi MIMO Panel Antenna, 27deg Beamwidth, >22dB front to back

Operation Mode – Bridge or Router

Access Point, Access Point WDS, Client, Client WDS, WAN Gateway, WLAN Gateway

Interface

10/100Mbps RJ-45 LAN Port x 2

IP Configuration

Static or Auto configuration using DHCP Client

Security

MAC Address Filtering, WEP/WPA encryption, Hide SSID in beacons, Layer 2 isolation

Management Configuration

Web-based configuration (HTTP)
Console configuration (SSH)
SNMP Protocol

Firmware Upgrade

Upgrade firmware via web browser

Antenna Physical Dimensions (L x W x D)

314mm x 187mm x 65mm
12.4" x 7.3" x 2.5"

Complete System Weight

1.4 kg (3 lbs)

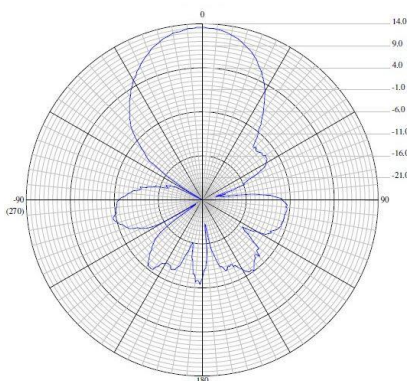
Operating Temperature

-30°C to +70°C (-22°F to 158°F)

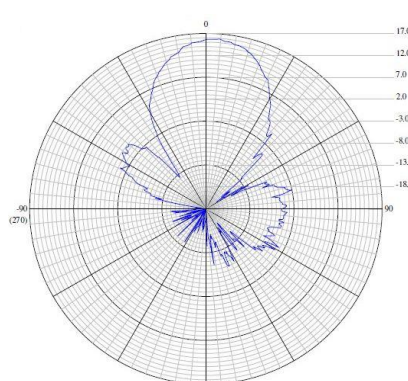
Warranty: 2 Year



EZ-Go® + Antenna Patterns



2.4GHz



5GHz

