

EnGenius® 5GHz-802.11n Client AP

ENS500EXT Access Point
Client Bridge



OVERVIEW

The EnGenius ENS500EXT is a high-powered access point capable of delivering data rates up to 300Mbps. Operating on the 5GHz band to avoid congested wireless traffic from 2.4 GHz frequency band devices, the ENS500EXT is an ideal solution for MobileView® mass transit installations.

The ENS500EXT also features a robust security feature set that includes support for WPA/WPA2 Personal and Enterprise encryption, 802.1x RADIUS authentication, hidden SSID and MAC address filtering.

STANDARD FEATURES

- Mounts easily to vehicles equipped with MobileView surveillance systems
- Supports IEEE802.11a/n wireless standards with up to 300Mbps data rate
- Two detachable 5 dBi omni-directional MIMO antennas
- Signal strength LED indicators
- Flexible deployment with multiple operation modes
- 400mW high-transmit power enabling long-range connectivity
- PoE kit provides easy installation
- Rugged IP65 rating
- EnGenius EZ Controller™ software for Windows facilitates monitoring after deployment

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ENS500EXT Access Point Client Bridge

Specifications

Networking

Compliant Standard	IEEE 802.11 a/n
Antenna	External/detachable 5 dBi Omni-directional antennas
Antenna Connector Type	SMA
Data Transfer Rate	Up to 300Mbps
Form Factor	External
RF	5GHz Frequency Band
Software Operation Modes	Access Point, Client Bridge, Client Router, WDS
Remote Management Protocol	SNMP
Distance Control	802.1x Ack timeout
SSID	Multiple SSID (4 SSIDs), BSSID
Wi-Fi Scheduling	Yes

Interface Provided

Connector Type	RJ-45 (2)
Interface	Fast Ethernet (10/100 Mbps)
Reset Button	One

Wi-Fi Interface

Client Bridge	Yes, 802.1x Radius
Encryption Algorithm	WPA/WPA2 Personal (WPA-PSK using TKIP or AES) WPA/WPA2 Enterprise (WPA-EAP using TKIP)
CLI (Command Line Interface)	Supported
Auto Channel Selection	Yes
Multicast Support	Yes

Security

Client Isolation	Yes
Radius Client Support	Yes
VPN Passthrough Support	Yes
VLAN Trapping	Supported
Hide SSID in beacons	Supported

Miscellaneous

Flash Memory Installed Size	16MB
RAM Installed Size	64MB
MAC Address Filtering	Up to 50 field
QoS (Quality of Service)	Supported
Auto Reboot	Yes

Electrical

Power Over Ethernet (PoE)	Yes
Input Power to Adapter	24V/0.6A

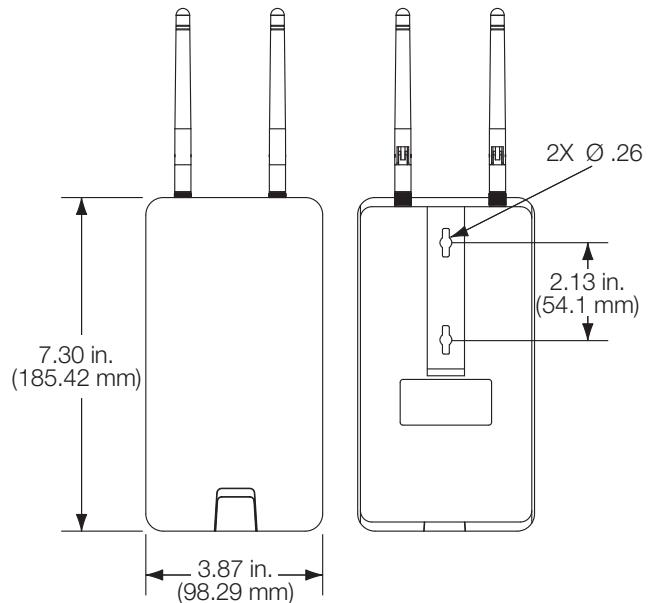
Mechanical/Environmental

Dimensions (WxHxD)	3.9 x 1.14 x 7.3 in.
Weight	0.7 lbs.
Operating Temperature	-20°C~70°C / -4°~158°F
Storage Temperature	-30°C~80°C / -22°F~176°F
Humidity	0%~90% typical (non-condensing)
Ingress Protection Rating	IP65
Compliant	FCC

Ordering Information

MSS-MISC-500EXT	EnGenius 5GHz-802.11n Client AP
MSS-MISC-700EXT	EnGenius 802.11n IP68 Outdoor AP
MSS-5014-00-00	Ethernet Cat5 Cable, 10'

Dimensional Diagrams



interlogix.com/mobileview

Specifications subject to change without notice.

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