EZPlatform™ Plus

AP/Hotspot/Repeater

Teletronics' EZPlatform™ AP/Hotspot/Repeater is designed to support 802.11n and1G BT fast Ethernet for high-power access point, hotspot and repeater applications. A powerful end-to-end system for a wireless Internet network can be built by integrating the EZPlatform™Plus with Teletronics subscriber units and other radios. The simplicity of use of the EZPlatform™Plus allows operators to quickly bring service to their customers, and with its serial port, GB Ethernet Ports, the EZPlatform™Plus is available in single or dual radio configuration, support MIMO 2.4 GHz or 5.8 GHz Combination radio cards up to 4T4R wireless network.

Hardware Specifications

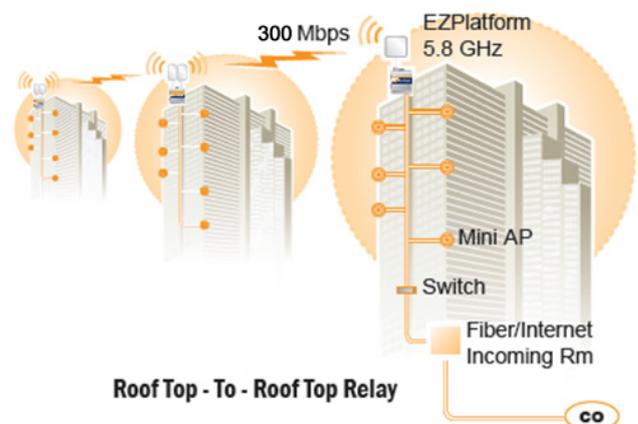|	
Ethernet	IEEE 802.3af 100BASE-T/1G BASE-TX with autonegotiation
Networking	Bridging mode, NAT gateway, static routing. DHCP client, DHCP server. VLAN, IEEE 802.1Q, SSID-based tagging. PPPoE, DDNS, STP, QoS, IPv6
Wireless	802.11a/b/g /n (2.4/5.8 GHz), turbo mode. Four SSIDs per interface, AP/Station mode, WDS. WEP, WPA, WPA2 encryption. Adjustable RF TX power and data rate. Hotspot: RADIUS authentication
Management	HTTP/HTTPS web configuration interface, TELNET. SNMPv2, remote syslog, local event log. Bandwidth control with upload/download rates. Configuration backup and restore, web-based firmware upgrade. Serial port rescue console, EZManager support
Security	IP address, MAC address and SSID filtering Firewall, 802.1X
Operating System	Linux, 2.6.x kernel

item #: 11-810

EZPlatform Plus Tower

Hardware Specifications

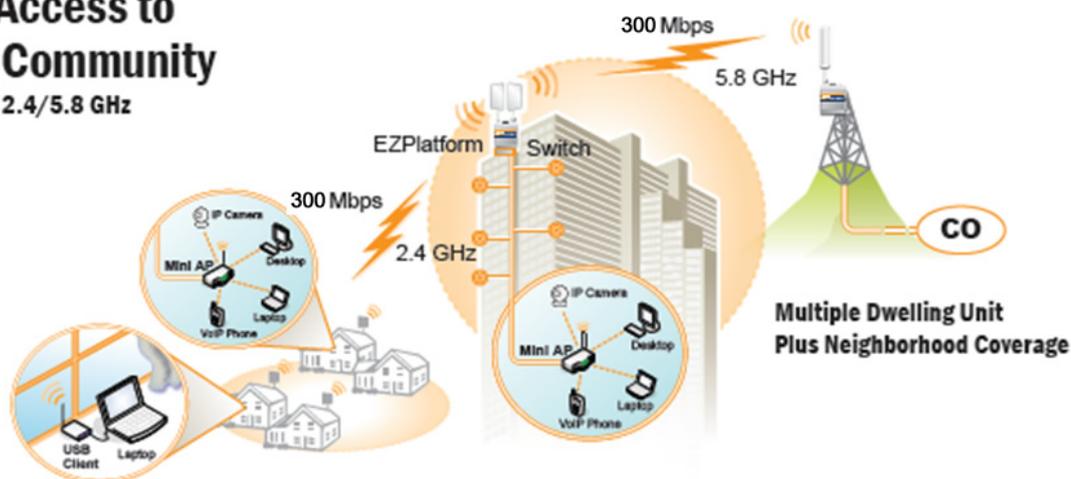|	
CPU	Atheros AR7161 network processor, 800 MHz
Memory	64 MB DDR SDRAM (max 128MB optional)
NOR Flash	8 MB (max 16MB optional)
Ethernet	2 X 10/100/1000 T (with Auto MDI / MDIX)
Serial	TTL RS-232 port
Wireless interface	Two Mini PCI slots
LED indicators	Power, WLAN1 status, WLAN2 status
Power	PoE (24-48 V DC Jack), 802.11 af PoE (48V-56V)
Power consumption	4 W (Main Board); Max 25W
Dimensions	8 x 7.5 x 2.5 in
Weight	7 lb
Temperature	-20 °C to +70 °C, non-condensing
Enclosure	NEMA 4, ruggedized and weatherproof
Mounting	Wall mount, pole mount

300 Mbps — EZPlatform 5.8 GHz

Mini AP

Switch

Fiber/Internet Incoming Rm

CO

Roof Top - To - Roof Top Relay

Remote Access to Isolated Community
— EZPlatform™ 2.4/5.8 GHz

300 Mbps
5.8 GHz

EZPlatform   Switch

CO

300 Mbps

2.4 GHz

IP Camera
Mini AP   Desktop
Laptop
VoIP Phone

USB Client   Laptop

IP Camera
Mini AP   Desktop
Laptop
VoIP Phone

Multiple Dwelling Unit Plus Neighborhood Coverage

WiFi Hot Spot

300 Mbps

Teletronics Hotspot

You must first authenticate before using this hotspot.
Please enter your user name and password below.
For assistance, please contact the hotspot administrator.

Username:
Password:

Login

Laptop

Captive Server   Radius Server   Biling Server

INTERNET

EZPlatform
2.4GHz, 1W

Internet

EZPlatform
Switch

Skype Box

MINI AP

Surveillance Camera

300 Mbps   300 Mbps

VoIP

Phone

CO

Multiple Transmission