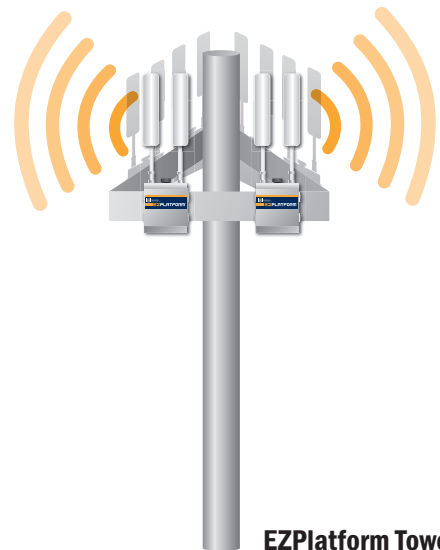# EZPlatform™
AP/Hotspot/Repeater

Teletronics' EZPlatform™ AP/Hotspot/Repeater is designed 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™ with Teletronics TT™ subscriber units and other radios. The simplicity of use of the EZPlatform™ allows operators to quickly bring service to their customers, and with its two serial ports and two Ethernet ports the unit can easily incorporate GPS, GPRS, RFID, VoIP, surveillance cameras, field meters, motion sensors and data networks for multiple industrial and commercial applications. The EZPlatform™ is available in single or dual radio configuration, with 1 W (2.4 GHz) and 600 mW (2.4/5.8 GHz) radio card options.

Technical Information

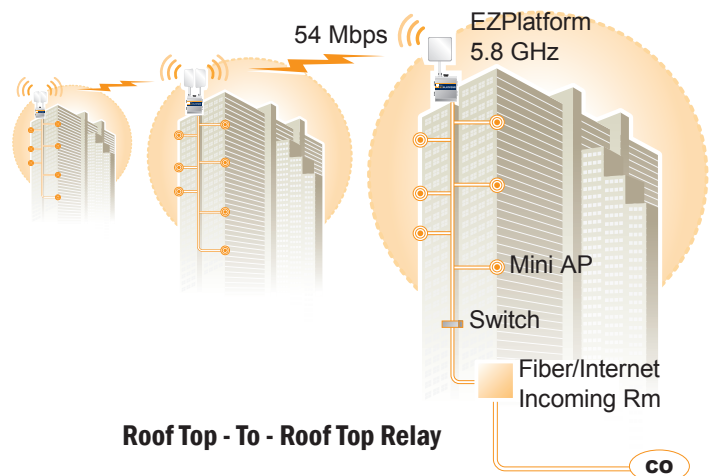|	
Standard Compliance	IEEE 802.3 10/100 BASE-T with autonegotiation
Bandwidth Control	MAC address based, specific and default upload/download rates
Networking	WAN: Static IP address/DHCP client
	LAN: DHCP server
	SNMP, remote Syslog, VPN pass-through (IPsec/PPTP), DDNS
Security	Administrator IP address filtering
Management	Web Based Management Tool,
	HTTP/HTTPS/Telnet
	Web based update, backup and restore
Wireless	802.11 a/b/g, 900MHz/2.4GHz/5.8GHz
	Multiple SSID, AP/SU mode, Adjustable TX Power
	AP/SU mode, Adjustable TX Power
	WEP, WPA and WPA2 encryption
Enclosure	NEMA 4, Ruggedized and Weatherproof
Status Monitoring	Network Status, SystemLog (compact & detail mode)
Operating Temperature	-20°C to +70°C

item #: 11-310

EZPlatform Tower

Hardware Specifications

CPU	Intel® IXP422 266MHz Network Processor
Memory	64MB SDRAM, 16MB Flash
Boot Loader	RedBoot
Ethernet	Two 10/100BASE-T ports
Serial Port	Two RS232 ports
Mini PCI	Two MiniPCI Type III slots
LEDs	Power, WLAN1 STATUS, WLAN2 status
Power Options	Power over Ethernet, 10-48V DC
Dimensions	8 in x 7.5 in x 2.5 in
Power Consumption	25W maximum
Operating System	Linux 2.6.x kernel
Weight	7 lbs
Mounting	For both wall and pole mount

54 Mbps

EZPlatform
5.8 GHz

Mini AP

Switch

Fiber/Internet
Incoming Rm

CO
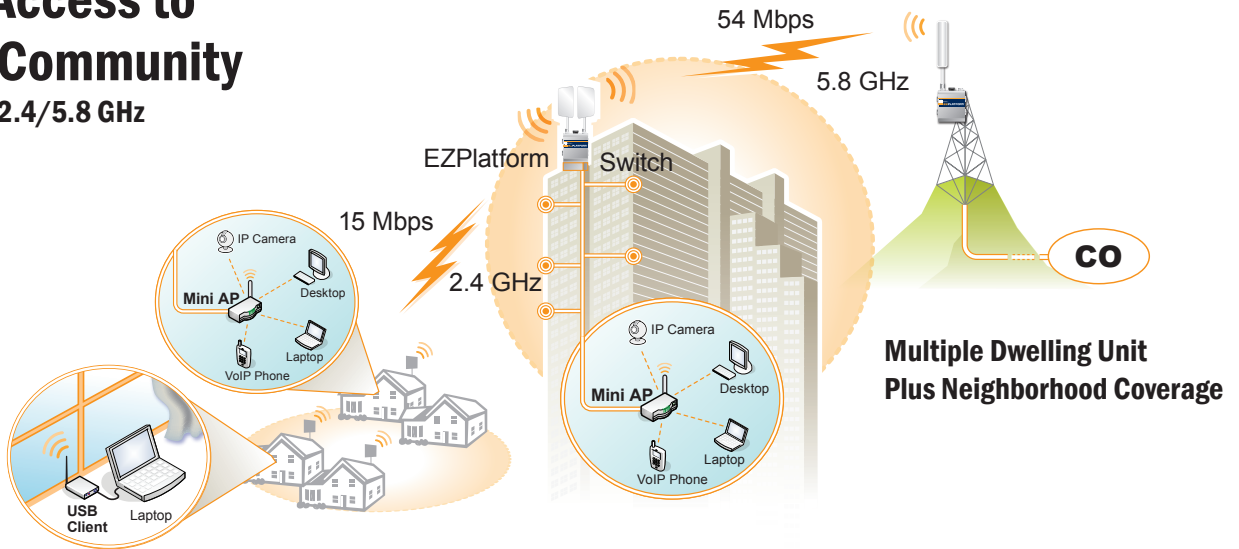
Roof Top - To - Roof Top Relay

Remote Access to Isolated Community

— EZPlatform™ 2.4/5.8 GHz

54 Mbps

5.8 GHz

EZPlatform   Switch

CO

15 Mbps

IP Camera

Mini AP   Desktop

Laptop

VoIP Phone

2.4 GHz

IP Camera

Mini AP   Desktop

Laptop

VoIP Phone

Multiple Dwelling Unit Plus Neighborhood Coverage

USB Client   Laptop

Single Building WiFi

54Mbps

25Mbps

500 mw

20Mbps

600 mw

Fiber/Internet Incoming Rm

Amplifier, if needed

External Activation

CO

EZPlatform 2.4Ghz, 1W

USB Client   Laptop

Divider
EZPlatform 2.4Ghz, 1W

30m

CO

100m

Internal Activation

Internet

EZPlatform

Switch

Skype Box

MINI AP

Surveillance Camera

VoIP

Phone

54 Mbps   54 Mbps

CO

Multiple Transmission