EZP-F EZPlatform® – Fiber

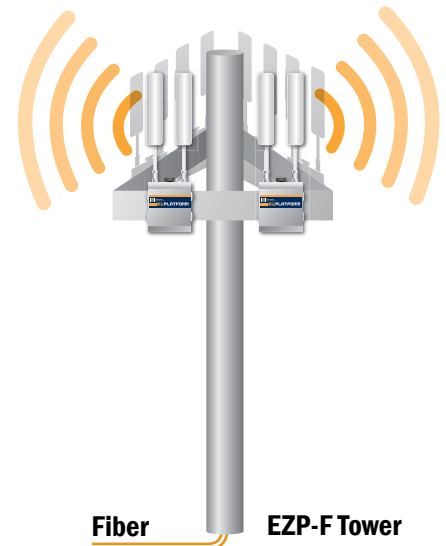## AP/Hotspot/Repeater activated by Fiber

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.
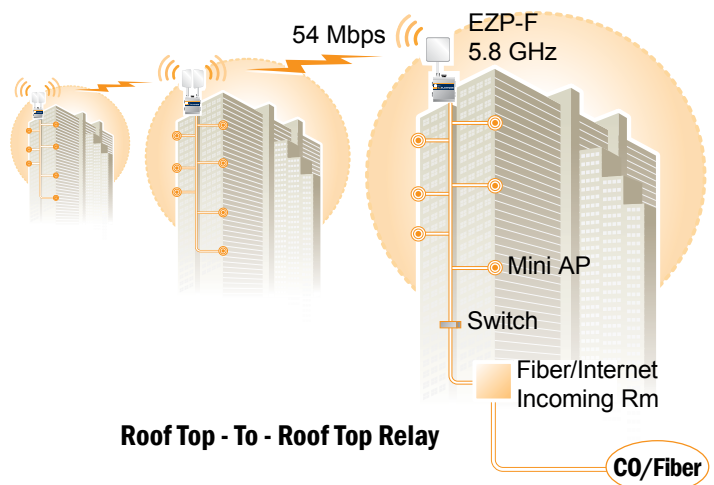
Product model	Optical wavelength (nm)	Transmitting optical power (dBm)	Receiving sensitivity (dBm)	Saturability (dBm)
Single Fiber SM 25 Km	1310/1550, 1550/1310	-6 - 10	-23	≥ -3
Dual Fiber/MM 2km	1310	-10 ~ -4	-17	≥ -3
Dual Fiber/SM 25km	1310	-10 ~ -6	-23	≥ -3

item #: 11-310

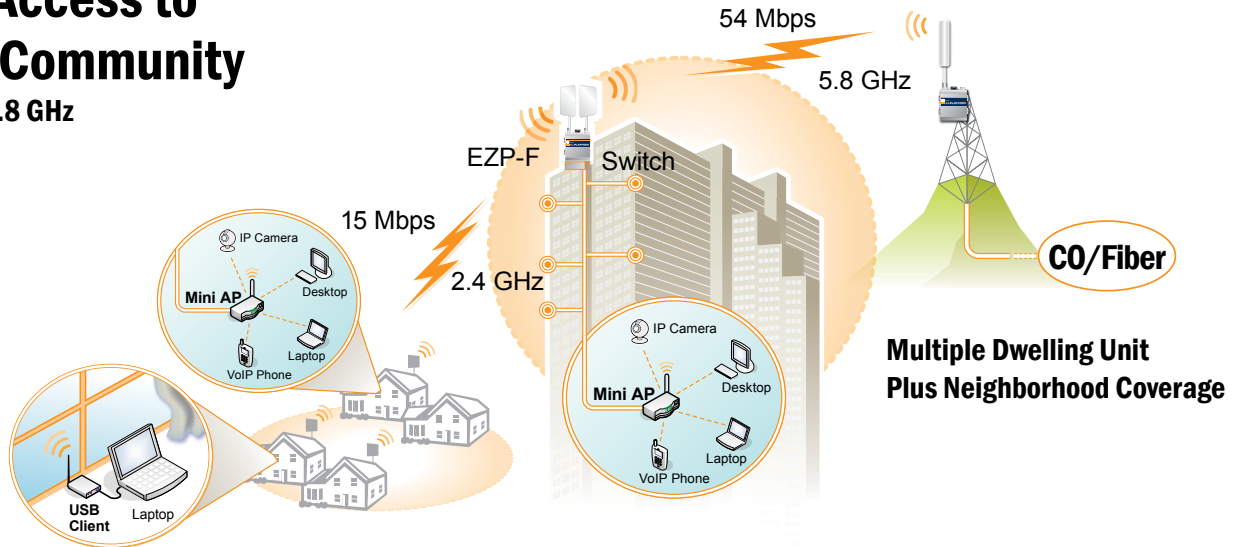|	
Ethernet	IEEE 802.3 10BASE-T/100BASE-TX with autonegotiation
Networking	Bridging mode, NAT gateway, static routing, RIPv2 dynamic routing. DHCP client, DHCP server. Static/dynamic VLAN, IEEE 802.1Q, management VLAN, SSID-based tagging. PPPoE, DDNS, STP, QoS (802.11e and WMM), IPv6
Wireless	802.11a/b/g (2.4/5.8 GHz, 700/900 MHz), turbo mode. Four SSIDs per interface, AP/client mode, ad hoc, WDS, roaming. WEP, WPA, WPA2 encryption with hex/ASCII keys. Adjustable RF TX power and data rate. Hotspot: WiFiDog/RADIUS authentication, local/remote captive portal
Management	HTTP/HTTPS web configuration interface, TELNET. SNMPv2, remote syslog, local event log. Bandwidth control with default and host-specific 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, intra-BSS traffic blocking, wireless-wired matching. 802.1X
Boot loader	RedBoot
Operating System	Linux, 2.6.x kernel

CPU	Intel IXP425 network processor, 533 MHz
Memory	64 MB SDRAM
Storage	16 MB flash
Ethernet interface	Two 10BASE-T/100BASE-TX ports
Serial interface	Two RS-232 ports
Wireless interface	Two Mini PCI Type III slots
LED indicators	Power, WLAN1 status, WLAN2 status
Power	10-48 V DC PoE (Power over Ethernet)
Power consumption	25 W, maximum
Dimensions	8 x 7.5 x 2.5 in
Weight	7 lb
Operating temperature	-20 °C to +70 °C, non-condensing
Enclosure	NEMA 4, ruggedized and weatherproof
Mounting	Wall mount, pole mount

Fiber   EZP-F Tower

54 Mbps   EZP-F 5.8 GHz

Mini AP

Switch

Fiber/Internet Incoming Rm

Roof Top - To - Roof Top Relay

CO/Fiber

Remote Access to
Isolated Community
— EZP-F® 2.4/5.8 GHz

54 Mbps

5.8 GHz

EZP-F   Switch

15 Mbps

2.4 GHz

IP Camera

Mini AP

Desktop

Laptop

VoIP Phone

USB
Client   Laptop

IP Camera

Mini AP

Desktop

Laptop

VoIP Phone

CO/Fiber

**Multiple Dwelling Unit
Plus Neighborhood Coverage**

WiFi Hot Spot

54 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

EZP-F
2.4GHz, 1W

Internet

EZP-F

Switch

Skype Box

Surveillance
Camera

MINI
AP

VoIP

Phone

54 Mbps   54 Mbps

CO/Fiber

Multiple
Transmission