

Features

RADIO

- Adheres to IEEE802.11a standard
- High Powered +23 dBm output
- Multiple ESSIDs per Radio
- Access Control
- Transmit Power Control

NETWORK

- TCP/IP and UDP
- Router Mode: NAT or Static
- Bridge Mode
- DHCP Server
- DHCP Relay
- QoS: IEEE802.11e WMM
- VLAN Support: IEEE802.1Q

SECURITY

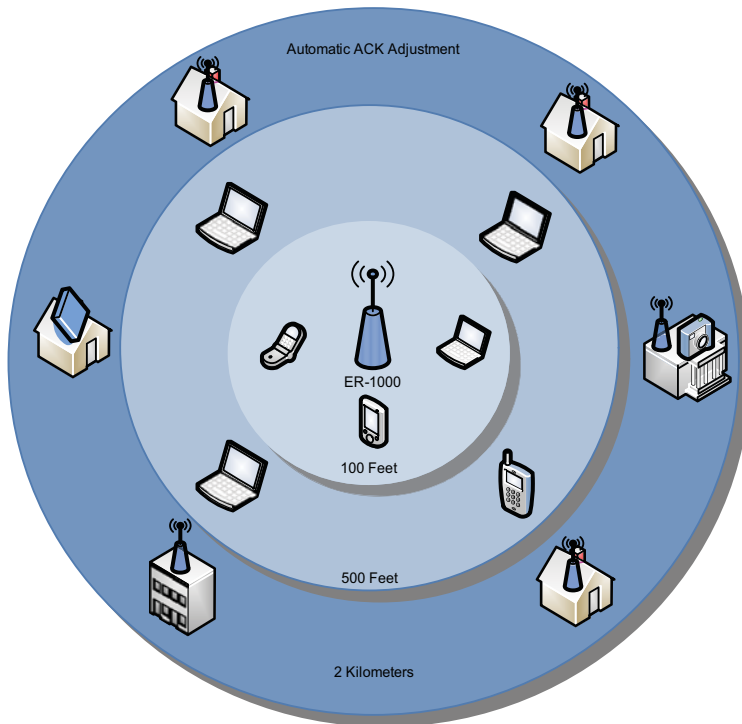
- WEP 64/128
- WPA
- WPA2
- Stateful Packet Inspection
- Custom Firewall Rules

MANAGEMENT

- Web-GUI element manager
- Tranzeo CLI (SSH)
- Remote Upgrade
- Import/Export Configuration

LOW COST DESIGN AND THE HIGHEST QUALITY

- LOW COST TODAY
- Aggressive cost reductions passed on to the customer
- Backed by Tranzeo's Industry Leading three year warranty



The Tranzeo ER-1000HA (5.8 GHz Outdoor AP with a +23dBm radio) is the newest member of Tranzeo's family of low cost wireless devices. Based on the IEEE 802.11a standard and complete with FCC certification, this radio is fully standards compliant. Built on powerful hardware running at 533 MHz with 64 MB of RAM, this radio means business.

Tranzeo's new family of outdoor Access Point Routers are based on our New High Performance platform designed to ensure seamless interoperability for Hot Spots, Point to Multi Point or Enterprise applications.

All Tranzeo Outdoor Access Point Routers are designed to deliver the best performance at the best price. Tranzeo's in-house state-of-the-art manufacturing facility in British Columbia, Canada, allows Tranzeo to offer the lowest prices with the highest quality.

This unit has been designed with a multitude of network and management features for ease of installation and operation in any new or existing network. Tranzeo is your one-stop source for all of your wireless needs.



ER-1000HA Specifications

Wireless Access Point Specifications	
Radio	IEEE 802.11 a
Frequency Band	5.170 – 5.805 GHz
Transmit Power	+23 dBm
Receive Sensitivity	-73 dBm @ 54 Mbps, -85 dBm @ 6 Mbps
Radio Features	
Multiple ESSID	Up to 4 virtual AP's, with the ability to hide ESSID's
Access Control	Whitelist or blacklist available for all interfaces
Transmit Power Control	Radio card power can be scaled to back for closer installations to avoid noise issues and to meet regulatory requirements
Client Isolation	Inter-station Client Blocking
Network	
Protocol	TCP/IP, UDP, Spanning Tree
Modes	Router Mode, Router Mode with NAT, Bridge Mode
IP Addressing	DHCP client, server or relay
QoS	802.11e WMM & Tranzeo QoS (4 primary classes)
Traffic Optimization	Bandwidth allocation per ESSID
VLAN	802.1Q (VLAN per ESSID)
Advanced Client Display	Displays client information such as data rate, signal level and traffic usage on a per interface basis
Security	AP-WEP/WPA/WPA2 (PSK w/TKIP, EAP-TLS, EAP-PEAP TLS, EAP-PEAP MSChap/v2, EAP-TTLS), MAC address filtering, Custom Firewall rules
Management	
Remote Configuration	Web-GUI element manager - remote management and software upgrade / Tranzeo CLI (SSH) / SNMP V2c / Import, Export and Saving of settings as profiles
Advanced Diagnostic Features	Event Log, Statistics, Packet Capture, Ping, Traceroute and DHCP Relay Tester
Hardware Specifications	
Ethernet	Auto-sensing 10/100 BaseT
Power supply	Power over Ethernet (POE)
Power Consumption	12 W maximum
Processor	Intel® IXP425 533 MHz
Ram	64 MB SDRAM
Dimensions	9.8" x 7.8" x 2.5" (25 cm x 20 cm x 6 cm)
Weight	3.25 lbs (1.48kg)
Antenna Connector	N-Female
Environmental Specifications	
Operating Temperature	-55 °C to +55 °C
Storage Temperature	-40 °C to +85 °C
Weather rating	Designed to exceed IP67 and NEMA 6 ratings
Wind Load	@ 100 mph: 64 N, @ 123 mph: 100 N
Approvals	
FCC CFR 47 Part 15, Class B	

Specifications are subject to change without notice, all items Subject to local regulations.
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