

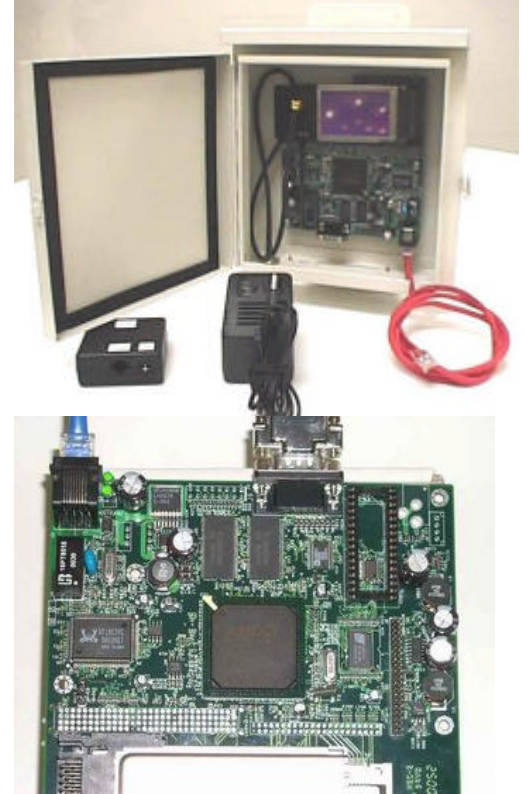
Feature

We are pleased to present our newest device to assist in your wireless network design. This is a perfect unit for your customer premises and combines the functions of an Access Point in Infrastructure mode with a router and firewall.

It is also ideal for a simple repeater. The link to the back haul is provided by the PCMCIA card, which can be the Teletronics 2 Mbit or the newer 11 Mbit card. The forward link or the local loop is provided by an Access Point connected to the ethernet port.

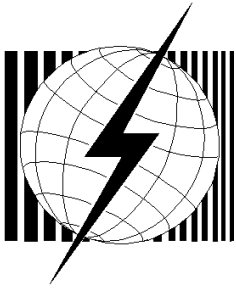
We are interested in OEM arrangements, so please [contact](#) us if you wish to have a special driver set or custom programs. We can quickly get you to market with your own customized router.

CPE Router



Hardware Specifications :

Processor:	AMD 100 MHz
Memory:	16 MB SDRAM.
Compact Flash Card:	8 MB Compact Flash Card.
Operating System:	Linux 2.4.13 Kernel.
Web Management:	Configuration, monitoring, information.
PCMCIA Slot:	Single PCMCIA card bus controller
Ethernet Adapter:	Realtek 8139C or NSC DP83815 10/100 HD.
Serial Port:	9 Pins, RS-232.
RF Connector:	N-Female.
Power Consumption:	Board: 75mA ; Board + PCMCIA: 175mA.
Safety Voltage Range:	First Generation: 12 VDC ~ 24 VDC Second Generation: 12 VDC ~ 48 VDC
AC Adaptor:	Input 120 VAC -- 60 Hz -- 250 mA Output 18 VDC -- 1000 mA
DC Injector :	Combine Power and Data Through a RJ-45 Cable
Cables :	3' Straight RJ-45 (Blue) , 1' Cross Over RJ-45 (Gray) RF Adapter Cable type N (Male or Female)
Dimensions :	8.5" L x 11.25" W x 3" H (216 mm L x 286 mm W x 76 mm H)
Weight:	7 lb (Box, Board, Adapter Cable, AC Adaptor, DC-Injector, RJ45).
Operating Temperature:	0 ~ 60 ° C (32 ~ 140 ° F)
Humidity (non condensing):	5 ~ 80 %



“SMARTCell” Software Specifications :

	Description	Firmware Version Supported
RF Features	General IEEE 802.11 & IEEE 802.11b parameters.	2.1x / 2.2x & 2.5x
	Signal Strength.	2.1x / 2.2x & 2.5x
	Add-Hoc Function in Bridge Or Route mode. (All cards supported)	2.1x / 2.2x & 2.5x
	Infrastructure Function in Bridge Or Route mode. (All cards supported)	2.1x / 2.2x & 2.5x
	Access Point Function in Bridge Or Route mode. (Intersil cards only)	2.1x / 2.2x & 2.5x
Security Features	WEP 64 & 128 bits. (11M Intersil, Lucent Silver/Gold & Cisco LMC-342 / 352 & PCM-352 card supported)	2.1x / 2.2x & 2.5x
	MAC Address Filtering. (Only for 2Mbps Intersil cards)	2.18 / 2.2x & 2.5x
	RADIUS Authentication Based on MAC. (Intersil cards only)	2.2x & 2.5x
Network Advanced Features	General TCP/IP parameters for WLAN & Ethernet port.	2.1x / 2.2x & 2.5x
	Static Routes And RIP Daemon v1.	2.1x / 2.2x & 2.5x
	Network Address Translation (NAT) And 1:1 IP Mapping (Static NAT)	2.1x / 2.2x & 2.5x
	Class Based Queuing (CBQ) / Bandwidth Management	2.18 / 2.2x & 2.5x
	Firewall & Port Forwarding	2.18 / 2.2x & 2.5x
Network Services	DHCP Server, Client & Relay Agent	2.18 / 2.2x & 2.5x
	SNMP Agent	2.2x & 2.5x
	RADIUS Accounting	2.2x & 2.5x
	Remote SysLog Service	2.2x & 2.5x
Wireless cards Supported	Intersil PRISM for 2M & 11M Regular Power Pcmcia cards	2.1x / 2.2x & 2.5x
	Intersil PRISM for 11M Regular & High Power Pcmcia cards Only	2.51.x (Beta Version)
	RayLink PC Card Model 24020	2.16c
	Cisco Aironet LMC-342 , 352 & PCM-352	2.1x / 2.2x & 2.5x
	Lucent Silver & Gold Card	2.1x / 2.2x & 2.5x
Administration Tools	Web Control Panel GUI Interface	2.1x / 2.2x & 2.5x
	Serial Port Rescue Console Interface	2.1x / 2.2x & 2.5x
	Firmware Upgrade Option	2.1x / 2.2x & 2.5x

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