



TELETRONICS
INTERNATIONAL INC.

Focusing On Your Needs

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Teletronics WIRELESSRouter

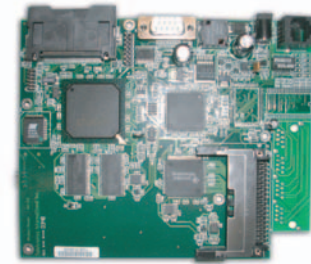
Product ID 11-114

The Teletronics Wireless Router is designed using robust components in an outdoor enclosure to withstand adverse weather conditions.

The SmartCell Software embedded in this wireless router greatly enhances its versatility, a competitive advantage for Wireless Internet Service Providers.

This versatile hardware delivers optimal performance when it is used as a:

- Base Station Access Point
- Client Station/Customer Premises Equipment
- Customized unit for unique applications



Hardware Specifications

Processor:	AMD SC520 133 MHz
Memory:	64 MB SDRAM
Compact Flash Card:	16 MB Compact Flash Card
Operating System:	Linux 2.4.13 - ac 7 Kernel
Web Management:	Configuration, monitoring, information
PCMCIA Slot:	Single PCMCIA slot
Ethernet Interface:	Single 10/100 RJ-45
Serial Port:	9 Pins, Male RS-232
RF Connector:	N-Female

Power Consumption:	Board: 75mA; Board + PCMCIA: 175mA
Safety Voltage Range:	12 VDC ~ 30 VDC
AC Adaptor:	Input 120 VAC --- 60 Hz -- 250 mA Output 18 VDC -- 1000 mA
DC Injector:	Combine power and data through an RJ-45 cable
Cables:	3' straight RJ-45 (Blue), 1' Cross Over RJ-45 (Gray) RF Adaptor Cable type N (Male or Female)
Dimensions:	6.4" x 5.2" x 0.7"
Weight:	7lb (Box, Board, Adaptor Cable, AC Adaptor, DC Injector, RJ-45) (PCB 0.7 lb)
Operating Temperature:	-10 ~ 60° C (14 ~ 140° F)
Humidity (non condensing):	5 ~ 80 %

SmartCell Software Specifications:

RF FEATURES	DESCRIPTION	SUPPORTED FIRMWARE VERSION
SECURITY FEATURES	General IEEE 802.11 & IEEE 802.11b parameters.	2.1 and Higher
	AP Mode: Wireless Clients Link Quality.	2.1 and Higher
	Infrastructure Mode: Average Signal Level and Link Quality.	3.02 and Higher
	AdHoc Function in Bridge or Route mode. (All cards supported)	2.1 and Higher
	Infrastructure Function in Bridge or Route mode. (All cards supported)	2.1 and Higher
ADVANCED NETWORK FEATURES	Access Point Function in Bridge or Route mode. (Teletronics cards only)	2.1 and Higher
	Invisible ESSID Broadcast (Teletronics cards in AP Mode only)	3.04 and Higher
	INFRA BSSD Broadcast Security. (Teletronics cards in AP Mode only)	3.05 and Higher
	EZ HOTSPOT Web Redirect. (License key required)	3.04 and Higher
	WEP 64 & 128 bits. (11M Teletronics, Lucent Silver/Gold & Cisco LMC-342 / 352 & PCM-352 card supported)	2.1 and Higher
NETWORK SERVICES	MAC Address Filtering. (Only for 2 & 11 Mbps Teletronics cards)	2.52, 3.02 and Higher
	RADIUS Authentication Based on MAC. (Teletronics cards only)	2.2 and 3.03 3.04 and Higher (Lic. Key Req.)
	General TCP/IP parameters for WLAN & Ethernet port.	2.1 and Higher
	Static Routes and RIP Daemon v1.	2.1 and Higher
	Network Address Translation (NAT) and 1:1 IP Mapping (Static NAT)	2.1 and Higher
SUPPORTED WIRELESS NETWORK CARDS	Class Based Queuing (CBQ) / Bandwidth Management	2.18 and Higher
	Firewall & Port Forwarding	2.18 and Higher
	PPPoE Client. (Only available for Ethernet port)	3.04 and Higher
	DHCP Server, DHCP Client & Relay Agent. (All cards supported, except Raylink)	2.2 and Higher
	RADIUS Accounting. (Teletronics Wireless Network cards only)	2.2 and 3.03 3.04 and Higher (Lic. Key Req.)
ADMINISTRATION TOOLS	L2TP Access Concentrator/PPPoE Server	3.05 and Higher (Lic. Key Req.)
	SNMP Agent	
	Remote SysLog Service. (All cards supported, except Raylink)	2.2 and Higher
	Teletronics PRISM based (Ver. 2, 2.5, 3.0) Pcmcia cards (DSSS)	2.1 and Higher 2.52, 3.02 and Higher
	Raylink PC Card Model 24020. (FHSS)(Discontinued)	2.16c only
	Cisco Aironet LMC-342, 352 & PCM-352 (DSSS)	2.1 and Higher
	Lucent Orinoco Silver & Gold Card (DSSS)	2.1 and Higher
	Configuration Import/Export Support	2.63, 3.03 and Higher
	Web Control Panel GUI Interface	2.1 and Higher
	Serial Port Rescue Console Interface (Use Null Modem Cable included)	2.1 and Higher
Firmware Upgrade Option	2.1 and Higher	