VERSA Wireless Router

Can 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

VERSA Wireless Router
Item#11-114
With NEMA 4 Box

Technical Information

Processor:	AMD SC520 133 MHz
Memory:	64 MB SDRAM
Compact Flash Card:	64 MB Compact Flash Card
Operating System:	Linux 2.4.13 - ac Kernel
Web Management:	Configuration, Monitoring, Information
PCMCIA Slot:	PCMCIA Slot
Ethernet Interface:	NSC DP83815 10/100 HD
Mini PCI Slot:	Single MINI PCI Slot
Serial Port:	9 Pins, Male RS-232
RF Connector:	N-Female
Power Consumption:	Board: 75mA; Board + PCMCIA: 175mA
Safety Voltage Range:	18 VDC - 48 VDC (Board v3.x) 12 VDC - 24 VDC (Board: v1.x and 2.x)
AC Adaptor:	Input 120 VAC -- 60 Hz -- 250 mA Output 24 VDC -- 1000 mA
DC Injector:	Combine Power & Data through RJ-45
Cables:	3' Straight RJ-45, 1' Cross Over RJ-45 Serial Null Modem (Propietary layout) RF Adapter Cable type N Male or N Female
Dimensins (PCB):	6.4" x 5.2" x 0.7"
Weight:	7 lbs
Operating Temperature:	(14~140° F) -10 ~ 60° C
Humidity:	5~80%

Technical Information

LED Indicators:

Firmware V. 2.21.3, 2.52.3,
3.02.4 or Higher
RED: Error
OFF: OK
ON Fixed: Bios Error
ON Blink: Firmware loading or Upgrading

Firmware V.2.2x ; 3.02x or Higher
GREEN 1: Power
ON: OK
OFF: No Power

Firmware V.2.2x ; 3.02x or Higher
GREEN 2: LAN
ON: Link
Blink: Data
OFF: No Link

Firmware V.2.6x ; 3.02.5 or Higher
Jumper LED: Wireless Link
(Optional LED Needed - Max. 6 mA)
ON: Link
Blink: No Link
OFF: Option not available

SmartCell Software Specifications:

	DESCRIPTION	SUPPORTED FIRMWARE VERSION
RF 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
	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
SECURITY FEATURES	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
	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.)
ADVANCED NETWORK FEATURES	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
	Class Based Queuing (CBQ) / Bandwidth Managment	2.18 and Higher
	Firewall & Port Forwarding	2.18 and Higher
NETWORK SERVICES	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.)
	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
SUPPORTED WIRELESS NETWORK CARDS	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
ADMINISTRATION TOOLS	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

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