ETR9350

802.11b/g/n SOHO Router

2.4 GHz	300Mbps	11N Pocket size AP/Router

PRODUCT DESCRIPTION

ETR9350 is a 2T2R Wireless Single chip 11N Travel AP/Router that delivers up to 6x faster speeds than 802.11g devices. ETR9350 drives superior performance and unparalleled wireless range. With easy to use on the WPS function, it helps users to connect to wireless device with just one push button.

Just leave power adapter behind and enjoy the convenience that embedded power brings. Device can be slipped into your pocket easily and build Wireless Networks somewhere you want. With Clear LED indicator user can identify running operation mode painless

PACKAGE CONTENT

- 1*802.11n Pocket AP (ETR9350)
- 1*QIG
- 1*CD (User's Manual)
- 1*AC cord

TECHNICAL SPECIFICATION	
> HARDWARE SPECIFICATION	
Physical Interface	WAN/LAN: One 10/100 Fast Ethernet RJ-45
	Power Jack
	WPS (WiFi Protected Setup)
	USB port for 3G
LEDs Status	Operation Mode
	Power Status
	WAN (Internet connection)
	WLAN(Wireless connection)
	WPS
	USB port
Power Requirements	Power Board embedded

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> TOP PANEL LED	
Operation Mode	1 (AP/Router/CB variant mode will display variant color)
Power	1 (Link-> blue static on)
WAN	1 (Link-> blue static on, traffic->blink)
WLAN	1 (Link-> blue on, traffic->blink)
WPS	1 (Link-> Associate Done, Processing->blink)
USB	1 (Link blue static on)

> RF SPECIFICATION	
Frequency Band	2.400 ~ 2.484 GHz
Modulation Technology	OFDM BPSK, QPSK, 16-QAM, 64-QAM DBPSK, DQPSK, CCK
Operating Channels	11 for North America, 14 for Japan, 13 for Europe
Wireless Setting	Wireless Mode – 11b/ 11g /11n Channel Selection (Setting varies by Country) Channel Bandwidth (Auto, 20Mhz, 40Mhz) Transmission Rate -11g: Best. 54, 48, 36, 24, 18, 12, 11, 9, 6, 5.5, 2, 1 in Mbps

MCS Index	Guard Interval 800ns		Guard Interval 400ns	
	20MHz	40MHz	20MHz	40MHz
0	6.5	13.5	7.2	15
1	13	27	14.4	30
2	19.5	40.5	21.7	45
3	26	54	28.9	60
4	39	81	43.3	90
5	52	108	57.8	120
6	58.5	121.5	65	135
7	65	135	72.2	157.5
8	13	27	14.4	30
9	26	54	28.9	60
10	39	81	43.3	90
11	52	108	57.8	120
12	78	162	86.7	180
13	104	216	115.6	240
14	117	243	130	270
15	130	270	144.4	300

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Receive Sensitivity (Typical)	**IEEE802.11n** MCS0@ -79dBm MCS7@ -61dBm **IEEE802.11g** 6Mbps@ -90dBm 54Mbps@ -70dBm **IEEE802.11b** 1Mbps@ -90dBm Mbps@ -87dBm
Available transmit power	**IEEE802.11N** MCS7@ 14dBm **IEEE802.11g** 6~54 Mbps@ 14dBm **IEEE802.11b** 1~11Mbps@ 17.5dBm
Antenna *2	Peak Gain = 2 dBi embedded ANT

> SOFTWARE FEATURES	
Router and Gateway	
Topology	Infrastructure
Operation Mode	AP/Router/CB
LAN	DHCP Server Static Routing Table UPNP
WAN	PPTP PPPoE Static IP
Router	NAT/ NAPT Static Routing Dynamic Route

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Firewall	Blocking Ping
	DoS(Blocking Ping, Port scan, Sync Flood)
	MAC / IP Filtering
	ICMP Blocking
	SPI (Stateful Packet Inspection)
	DMZ (Demilitarized Zone) Host
	Policy Based Parental Controls
	- Port Range / Service Filtering
	- Internet Domain Restriction
	- Dynamic URL Filtering (OEM subscription service)
VPN	VPN pass-through (PPTP, L2TP, IPSEC)
Wireless	**Power saving(Green technology)**
	64/128 bit WEP Encryption
	WPA Personal (WPA-PSK using TKIP or AES)
	WPA Enterprise (WPA-EAP using TKIP)
	802.1x Authenticator
	Hide SSID in beacons
	Wi-Fi Protection Setup (WPS)
	ACL control
	Best channel selection
	Speed/Bandwidth monitor
QoS	WMM
	Application base
	- Priority Queue
	- Bandwidth Allocation
Management	
Configuration	Web-based configuration (HTTP)
Firmware Upgrade	Via webpage upgrade
	Auto recovery once firmware upgrade fail
Administrator Setting	Administrator password change
	Idle time out

* Theoretical wireless signal rate based on IEEE standard of 802.11a, b, g, n chipset used. Actual throughput may vary. Network conditions and environmental factors lower actual throughput rate.

** All specifications are subject to change without notice.

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Reset Setting (WPS button)	5sec Reset 10sec Reset to Default
System monitoring	Speed and Bandwidth monitoring
Scheduling	Enable power saving
Easy access	User can type model name and access the main page.
Install wizard	Guide user to set-up Router smoothly
ENVIRONMENT & PHYSICAL	
Temperature Range	0 to 40° C - Operating, -10 to 70 ° C - Storage
Humidity (non-condensing)	15% ~ 95% typical
Dimensions	90mm (L) x 63mm (W) x 31mm (H)