

802.11b/g/n SOHO Router

300Mbps

2.4 GHz

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/Rout	1 (AP/Router/CB variant mode will display variant color)			
Power	1 (Link-> b	1 (Link-> blue static on)			
WAN	1 (Link-> b	1 (Link-> blue static on, traffic->blink)			
WLAN	1 (Link->	1 (Link-> blue on, traffic->blink)			
WPS	1 (Link-> A	1 (Link-> Associate Done, Processing->blink)			
JSB		1 (Link blue static on)			
RF SPECIFICATION					
requency Band	2.400 ~ 2.4	84 GHz			
Iodulation Technology	OFDM BPS	SK, QPSK, 16-Q/	AM, 64-QAM		
iodulation reenhology	DBPSK, DO	DBPSK, DQPSK, CCK			
Operating Channels	11 for North	n America, 14 foi	r Japan, 13 for Eu	rope	
Vireless Setting		ode – 11b/ 11g /	-		
<u> </u>					
	Channel Selection (Setting varies by Country)				
		andwidth (Auto, 2			
		andwidth (Auto, 2			
	Channel Ba Transmiss	andwidth (Auto, 2 sion Rate		.5, 2, 1 in Mbps	
	Channel Ba Transmiss -11g: Bes	andwidth (Auto, 2 sion Rate t. 54, 48, 36, 24,	20Mhz, 40Mhz) 18, 12, 11, 9, 6, 5		400ns
	Channel Ba Transmiss	andwidth (Auto, 2 sion Rate	20Mhz, 40Mhz) 18, 12, 11, 9, 6, 5	.5, 2, 1 in Mbps Guard Interval 20MHz	400ns 40MHz
	Channel Ba Transmiss -11g: Bes MCS	andwidth (Auto, 2 sion Rate t. 54, 48, 36, 24,	20Mhz, 40Mhz) 18, 12, 11, 9, 6, 5 /al 800ns	Guard Interval	
	Channel Ba Transmiss -11g: Besi MCS Index	andwidth (Auto, 2 sion Rate t. 54, 48, 36, 24, Guard Interv 20MHz	20Mhz, 40Mhz) 18, 12, 11, 9, 6, 5 <u>/al 800ns</u> 40MHz	Guard Interval 20MHz	40MHz
	Channel Ba Transmiss -11g: Best MCS Index 0	andwidth (Auto, 2 sion Rate t. 54, 48, 36, 24, Guard Interv 20MHz 6.5	20Mhz, 40Mhz) 18, 12, 11, 9, 6, 5 /al 800ns 40MHz 13.5	Guard Interval 20MHz 7.2	40MHz 15
	Channel Ba Transmiss -11g: Bes MCS Index 0 1	andwidth (Auto, 2 sion Rate t. 54, 48, 36, 24, Guard Interv 20MHz 6.5 13	20Mhz, 40Mhz) 18, 12, 11, 9, 6, 5 /al 800ns 40MHz 13.5 27	Guard Interval 20MHz 7.2 14.4	40MHz 15 30
	Channel Ba Transmiss -11g: Bes Index 0 1 2	andwidth (Auto, 2 sion Rate t. 54, 48, 36, 24, <u>Guard Interv</u> <u>20MHz</u> <u>6.5</u> 13 19.5	20Mhz, 40Mhz) 18, 12, 11, 9, 6, 5 <u>/al 800ns</u> <u>40MHz</u> 13.5 <u>27</u> <u>40.5</u>	Guard Interval 20MHz 7.2 14.4 21.7	40MHz 15 30 45
	Channel Ba Transmiss -11g: Besi MCS Index 0 1 2 3	andwidth (Auto, 2 sion Rate t. 54, 48, 36, 24, <u>Guard Interv</u> <u>20MHz</u> <u>6.5</u> 13 19.5 26	20Mhz, 40Mhz) 18, 12, 11, 9, 6, 5 <u>/al 800ns</u> <u>40MHz</u> 13.5 <u>27</u> <u>40.5</u> <u>54</u>	Guard Interval 20MHz 7.2 14.4 21.7 28.9	40MHz 15 30 45 60
	Channel Ba Transmiss -11g: Besi MCS Index 0 1 2 3 4	andwidth (Auto, 2 sion Rate t. 54, 48, 36, 24, <u>Guard Interv</u> 6.5 13 19.5 26 39	20Mhz, 40Mhz) 18, 12, 11, 9, 6, 5 <u>/al 800ns</u> <u>40MHz</u> 13.5 <u>27</u> <u>40.5</u> <u>54</u> <u>81</u>	Guard Interval 20MHz 7.2 14.4 21.7 28.9 43.3	40MHz 15 30 45 60 90
	Channel Ba Transmiss -11g: Bes: MCS Index 0 1 2 3 4 5	andwidth (Auto, 2 sion Rate t. 54, 48, 36, 24, Guard Interv 20MHz 6.5 13 19.5 26 39 52	20Mhz, 40Mhz) 18, 12, 11, 9, 6, 5 2000 4000 13.5 27 40.5 54 81 108	Guard Interval 20MHz 7.2 14.4 21.7 28.9 43.3 57.8	40MHz 15 30 45 60 90 120
	Channel Ba Transmiss -11g: Bes Index 0 1 2 3 4 5 6	andwidth (Auto, 2 sion Rate t. 54, 48, 36, 24, <u>Guard Interv</u> <u>20MHz</u> <u>6.5</u> 13 19.5 26 39 52 58.5	20Mhz, 40Mhz) 18, 12, 11, 9, 6, 5 20Mhz 40MHz 13.5 27 40.5 54 81 108 121.5	Guard Interval 20MHz 7.2 14.4 21.7 28.9 43.3 57.8 65	40MHz 15 30 45 60 90 120 135
	Channel Ba Transmiss -11g: Besi MCS Index 0 1 2 3 4 5 6 7	andwidth (Auto, 2 sion Rate t. 54, 48, 36, 24, <u>Guard Interv</u> 6.5 13 19.5 26 39 52 58.5 65	20Mhz, 40Mhz) 18, 12, 11, 9, 6, 5 218, 12, 11, 9, 6, 5 218, 12, 11, 9, 6, 5 219, 13, 5 217, 13, 5 217, 135, 121, 5 135, 121, 5 135, 121, 5 135, 121, 5 135, 121, 121, 5 135, 121, 121, 121, 121, 121, 121, 121, 12	Guard Interval 20MHz 7.2 14.4 21.7 28.9 43.3 57.8 65 72.2	40MHz 15 30 45 60 90 120 135 157.5
	Channel Ba Transmiss -11g: Besi MCS Index 0 1 2 3 4 5 6 7 8	andwidth (Auto, 2 sion Rate t. 54, 48, 36, 24, <u>Guard Interv</u> 6.5 13 19.5 26 39 52 58.5 65 13	20Mhz, 40Mhz) 18, 12, 11, 9, 6, 5 218, 12, 11, 9, 6, 5 218, 12, 11, 9, 6, 5 219, 13, 5 219, 13, 5 219, 108, 121, 5 135, 27, 135, 27, 135, 27, 135, 27, 135, 135, 135, 135, 135, 135, 135, 135	Guard Interval 20MHz 7.2 14.4 21.7 28.9 43.3 57.8 65 72.2 14.4	40MHz 15 30 45 60 90 120 135 157.5 30
	Channel Ba Transmiss -11g: Besi MCS Index 0 1 2 3 4 5 6 7 8 9	andwidth (Auto, 2 sion Rate t. 54, 48, 36, 24, <u>Guard Interv</u> 6.5 13 19.5 26 39 52 58.5 65 13 26 13 26	20Mhz, 40Mhz) 18, 12, 11, 9, 6, 5 20Mhz 40MHz 13.5 27 40.5 54 81 108 121.5 135 27 54 54 54 54 54 54 54 54 54 54	Guard Interval 20MHz 7.2 14.4 21.7 28.9 43.3 57.8 65 72.2 14.4 28.9	40MHz 15 30 45 60 90 120 135 157.5 30 60
	Channel Ba Transmiss -11g: Besi MCS Index 0 1 2 3 4 5 6 7 8 9 10	andwidth (Auto, 2 sion Rate t. 54, 48, 36, 24, <u>Guard Interv</u> 6.5 13 19.5 26 39 52 58.5 65 13 26 39 52 58.5 65 13 26 39	20Mhz, 40Mhz) 18, 12, 11, 9, 6, 5 /al 800ns 40MHz 13.5 27 40.5 54 81 108 121.5 135 27 54 81 81	Guard Interval 20MHz 7.2 14.4 21.7 28.9 43.3 57.8 65 72.2 14.4 28.9 43.3	40MHz 15 30 45 60 90 120 135 157.5 30 60 90
	Channel Ba Transmiss -11g: Bes MCS Index 0 1 2 3 4 5 6 7 8 9 10 11	andwidth (Auto, 2 sion Rate t. 54, 48, 36, 24, <u>Guard Interv</u> 6.5 13 19.5 26 39 52 58.5 65 13 26 39 52 58.5 65 13 26 39 52 58.5	20Mhz, 40Mhz) 18, 12, 11, 9, 6, 5 /al 800ns 40MHz 13.5 27 40.5 54 81 108 121.5 135 27 54 81 108	Guard Interval 20MHz 7.2 14.4 21.7 28.9 43.3 57.8 65 72.2 14.4 28.9 43.3 57.8 65 72.2 14.4 28.9 43.3	40MHz 15 30 45 60 90 120 135 157.5 30 60 90 120 120
	Channel Ba Transmiss -11g: Bes MCS Index 0 1 2 3 4 5 6 7 8 9 10 11 11 12	andwidth (Auto, 2 sion Rate t. 54, 48, 36, 24, <u>Guard Interv</u> 20MHz 6.5 13 19.5 26 39 52 58.5 65 13 26 39 52 52 58.5 65 13 26 39 52 78	20Mhz, 40Mhz) 18, 12, 11, 9, 6, 5 /al 800ns 40MHz 13.5 27 40.5 54 81 108 121.5 135 27 54 81 108 121.5 135 27 54 81 108 121.5 135 27 54 81 108 127 54 81 108 127 54 81 108 127 54 81 135 27 54 81 135 27 54 81 135 27 54 81 135 27 54 81 135 27 54 81 135 27 54 81 135 27 54 135 27 54 135 27 135 27 135 135 135 135 135 108 121.5 135 27 54 135 127 135 135 135 135 135 135 135 135	Guard Interval 20MHz 7.2 14.4 21.7 28.9 43.3 57.8 65 72.2 14.4 28.9 43.3 57.8 65 72.2 14.4 28.9 43.3 57.8 86.7	40MHz 15 30 45 60 90 120 135 157.5 30 60 90 120 120 135 157.5 30 60 90 120 180

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ETR9350 IS 802.11b/g/n SOHO Router Get Connected | Get EnGenius 2.4 GHz 300Mbps 11N Pocket size AP/Router IEEE802.11n MCS0@ -79dBm MCS7@ -61dBm IEEE802.11g Receive Sensitivity (Typical) 6Mbps@ -90dBm 54Mbps@ -70dBm IEEE802.11b 1Mbps@ -90dBm Mbps@ -87dBm IEEE802.11N MCS7@ 14dBm IEEE802.11g Available transmit power 6~54 Mbps@ 14dBm IEEE802.11b 1~11Mbps@ 17.5dBm Antenna *2 Peak Gain = 2 dBi embedded ANT > SOFTWARE FEATURES Router and Gateway Infrastructure Topology AP/Router/CB **Operation Mode** DHCP Server LAN Static Routing Table UPNP PPTP WAN PPPoE Static IP NAT/ NAPT Router 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 Catting	Administrator password change
Administrator Setting	Idle time out

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5sec Reset Reset Setting (WPS button) 10sec Reset to Default Speed and Bandwidth monitoring System 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** 0 to 40° C - Operating, -10 to 70 ° C - Storage Temperature Range 15% ~ 95% typical Humidity (non-condensing) Dimensions 90mm (L) x 63mm (W) x 31mm (H)

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