


Specification			
Item	Sub Item	Description	Mark
Basical Information	Model Name	R312	
	Form Factor	CPE	
	Dimension	130.0*41.0*102.0mm	
ID	ID	 <p style="color: red; font-size: 24px; text-align: center;">Mesh-Link 绍明</p>	
Air Interface	Technical Standard	Compatible with WCDMA, FDD-LTE, TDD-LTE Default 802.11b/g/n	
	Frequency	LTE:B1/3/5/7/8/20/38/40/41 WCDMA:B1/5/8	
	WIFI	2.4G, WIFI 2*2 MIMO, 802.11 b/g/n	
Performance	Maximum Data Throughput	LTE CAT 4 FDD-LTE(DL/UL) 150Mbps/50Mbps HSPA+ (DL/UL) 21/5.76Mbps	Theoretical peak rates
Hardware	Receive Diversity	Support	
	MIMO	Support 2x2 MIMO	
	BB Chipset	ZX297520V3	
	WiFi Chipset	RTL8192ES	
	WiFi Users	16	
	power consumption	<10W	
	Power Voltage	DC12V/1A	
	USIM/SIM	3FF SIM card	
	LED	Power/Battery, Network, Signal Strength, WIFI	
	Antenna	2*WIFI; 2*LTE	
	Buttons	Power,Reset,WPS,WIFI	
	Ethernet	1*RJ45, 10BaseT/100Base/ automatic adaptive port	
	RJ11	RJ11*1	
	ESD	Contact±8KV、Air±10KV	
Battery	optional 5000-9000mAh		
Software	SW Update	TR069 & Local	
	WIFI Mode	AP/STATION mode	
	WIFI Security	None & WPA-PSK& WPA2-PSK	
	Voice	VoLTE & CS Domain voice (Optional)	
	IPv4	Support IPv4	
	IPv6	Support IPv6	
	Firewall	Support	
	Data Statistics	Support	
	SIM Lock	Support	
	HTTP	Support	
DMZ	Support		
Environment	Operating Temperature	Normal:-10°C to +60°C;	
	Storage Temperature	-20° C to +85° C	
	Humidity	5%~ 95% (no condensed)	