

Module Counter Specification

Revision Number: V1.0

Category	Feature & Specification	Description	Customer Comments
Basical Information	Model Name	HLG-RR109F2	
	Form Factor	CPE	
	Dimension	186*106*35mm (antenna folded) / 186*106*135mm (antenna unfolded)	
	Weight	About 350g	No Battery
	Color	White	
ID&MD Model	ID		4pcs external Antenna
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 Standard	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 Receive Diversity	
	MIMO	Support DL 2x2 MIMO	
	BB Chipset	ZX297520V3	
	WiFi Chipset	RTL8192ES	
	WiFi Users	16	
	power consumption	<10W	
	Power Voltage	DC12V/1A	
	USIM/SIM	2FF SIM card support SIM/USIM/UIM, standard 6 PIN SIM card interface, support 3V SIM card and 1.8V SIM card, internal	
	LED	Power Indication LED,WiFi Indication LED,LAN/WAN Interface Status LED , Internet Status LED,Signal Strength LED	
	Antenna	external antenna	
	Buttons	Reset,WPS	
	Ethernet	1*LAN,10BaseT/100Base/ automatic adaptive port	
	RJ11	N/A	
	Reset	Pinhole	
	ESD	Contact±8KV 、 Air±10KV	
	Battery	N/A	
Software	SW Update	TR069 & FOTA(customized) & Local	
	WiFi Mode	AP/STATION mode	
	WiFi Security	OPEN & WPA-PSK & WPA2-PSK	
	SMS & Phone Book	YES	
	UPnP	Need customize	
	Voice	VoLTE & CS Domain voice	
	IPv4	Support IPv4	
	IPv6	Support IPv6	
	Firewall	Mac/IP address filter,Port forwarding,WiFi Black/White list	
	Data Statistics	Support	
	SIM Lock	Support	
	HTTP	Support	
Environment	DMZ	Support	
	Operating Temperature	Normal:-10°C to +65°C;	
	Storage Temperature	-20° C to +85° C	
	Humidity	5%~ 95%	