

Module Counter Specification

Revision Number: V01			
Category	Feature & Specification	Description	Customer Comments
Basical Information	Model Name	HLG-RR109E	
	Form Factor	CPE	
	Dimension	150*101*35mm or 150*101*40mm with External Antenna	
	Weight	About 200g	No Battery
	Color	White	
	Launch time(PP)	Q1.2022	
ID&MD Model	ID		Default Internal Antenna, External Antenna is optional
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, 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	ASR 1803	
	WIFI Chipset	ASR 5803	
	WIFI Users	8	
	power consumption	<10W	
	Power Voltage	DC12V/800mA or DC5V/1000mA	
	USIM/SIM	4FF Nano SIM card support SIM/USIM/UIM, standard 6 PIN SIM card interface, support 3V SIM card and 1.8V SIM card; internal	
	LED	SYSTEM/WIFI Indication LED, LTE/Internet Status Interface Status LED, ETH/Signal Strength LED	
	Antenna	internal WIFI antenna; 2 internal LTE antenna; 2 external antenna for optional	
	Buttons	Reset/WPS	
	Ethernet	1LAN, 10BaseT/100Basee/ automatic adaptive port	
	Reset	Pinhole	
	ESD	Contact±8KV、Air±10KV	
Software	SW Update	TR069 & FOTA(customized) & Local	
	WIFI Mode	AP/STATION mode	
	WIFI Security	OPEN & WPA-PSK & WPA2-PSK	
	SMS	YES	
	IPv4	Support IPv4	
	IPv6	Support IPv6	
	Data Statistics	Support	
	SIM Lock	Support	
	HTTP	Support	
	DMZ	Support	
Environment	Operating Temperature	Normal:-10°C to +65°C;	
	Storage Temperature	-20° C to +85° C	
	Humidity	5%~ 95%	