

4G 产品

4G products

HW4

户外型 4G CPE

产品规格书

PRODUCT SPECIFICATION

REV 7.10.09005

产品资料

Product information

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产品简介 Product Brief

本产品是一款支持室外安装的 4G CPE，配备双网口，可为其他设备提供有线网络。采用 POE 供电设计，灵活的组网方式。插入 SIM 卡，轻松为设备提供网络。可户外使用，插卡随时随地有网。具备定时重启和防火墙保护功能。内置硬件看门狗，有效预防系统运行过程中死机。内置双固件，因软件升级失败或者软件造成的启动异常，能自动恢复系统。



This product is a 4G CPE supporting outdoor installation, equipped with dual network port, which can provide wired network for other equipment. Poe power supply design, flexible networking. Plug in the SIM card to easily provide a network for the device. It can be used outdoors, and the plug-in card has a network anytime, anywhere. It has the function of regular restart and firewall protection. The built-in hardware watchdog can effectively prevent the system from crashing during operation. Built in dual firmware can automatically recover the system due to software upgrade failure or abnormal startup caused by software.

产品特征 Product specification

- 双网口设计，可为其他设备提供有线网络。Dual network interface design, can provide wired network for other equipment.
- POE 供电，灵活的组网方式。POE power supply, flexible networking mode.
- 插入 SIM 卡，轻松为设备提供网络。Plug in the SIM card to easily provide a network for the device.
- 可户外使用，插卡随时随地有网。It can be used outdoors, and the plug-in card has a network anytime, anywhere.
- 内置硬件看门狗、内置双固件，稳定运行。Built in hardware watchdog, built-in dual firmware, stable operation.
- 采用定向天线，可接收远距离基站信号。With directional antenna, it can receive remote base station signal.

应用场景 Application scenario



□ 本产品默认发射的 WiFi 信号仅为方便用户使用移动设备对其设置，该 WiFi 仅在近距离内可连，请勿用于无线覆盖。

□ The WiFi signal transmitted by default is only for the convenience of users to use the mobile device to set it. The WiFi can only be connected in a short distance, and it is not used for wireless coverage.

应用场景广泛 Wide application scenarios

家庭 Family

宽带入户麻烦的
采用插卡上网

Broadband access is troublesome
Access to the Internet with plug-in card

出租屋 Renting house

省去缴费麻烦
买卡即可有网

Save the trouble of payment
You can buy a card and have Internet

室外 Outdoor

使用 SIM 卡上网
轻松布网

Access to the Internet with SIM card
Easy Component Network

工程用途 Engineering

在没宽带的地方
插卡也能有网络
Where there's no broadband
Card can also have network

小区 Residential quarters

插卡用 4G 网络
网速快 方便
4G network for card insertion
Fast and convenient network speed



外观展示 Appearance display



后台管理界面 Background management interface



※ 以上截图仅供参考，如有变动，请以实际显示为准。

The above screenshots are for reference only. If there is any change, please refer to the actual display.

规格参数 Specification parameter

Interface 接口	Network/网络	2*lan
	SIM	2FF Mini sim
	Button/按钮	reset
	POE adapter/POE 电源适配器	Input voltage(输入电压):24V-1A
Solution 方案	Routing and WiFi chipset supplier	MTK
BASE 基础信息	Routing and WiFi chipset model	MT7628N
	Routing and WiFi processor info	IEEE 802.11 /b/g/n
	DDR/SPI	64MBytes/16MBytes
Software 软件	Language/语言	Chinese&English
	Supported/支持	APN Setting、Device Settings、Routing Settings、Firewall Settings
Technical stan dard	LED/指示灯	Supported/支持
	OS/操作系统	Windows XP、Windows Vista 、Windows 7、Windows 10、MAC、Linux
	Browser/浏览器	IE (7.0 and later)、Firefox (3.0 and later)、Safari (4.0 and later)、Opera (10.0 and later)、Chrome (10.0 and later)

模块信息 Module information

Solution/方案 ASR CAT4	
Interface/接口	LCC
Size/尺寸	29.0 × 32.0 × 2.4mm
Wireless chipset supplier/芯片厂商	ASR
Wireless chipset model/ 型号	1803S
Wireless processor info/信息	CAT4
USIM/SIM slot/接口	Standard 6 PIN SIM card interface 3V SIM card and 1.8V SIM card
Operating temperature/ 工作温度	-35 to 75° C
Storage temperature/存储温度	-40 to 90° C

Optional frequency band 可选频段	
ML352-JC3	LTE:B1 / B3 / B5 / B8 / B34 / B38 / B39 / B40 / B41; WCDMA:B1 / B5 / B8
ML352-JD3-AE	FDD:B1 / B3 / B5 / B7 / B8 / B20; TDD:B38 / B40 / B41; WCDMA:B1 / B5 / B8
ML352-JD3-AFL	FDD:B1 / B3 / B5 / B7 / B8 / B20 / B28; TDD:B38 / B40 / B41; WCDMA:B1 / B5 / B8
ML352-JD3-AU	FDD:B1 / B2 / B3 / B4 / B5 / B7 / B8 / B12 / B17 / B28 / B66; TDD:B38 / B40 / B41;WCDMA:B1 / B2 / B4 / B5 / B8

Solution/方案 Qualcomm 9607 CAT4

Interface/接口	LCC
Size/尺寸	29.0 × 32.0 × 2.4mm
Wireless chipset supplier/芯片厂商	Qualcomm
Wireless chipset model/ 型号	9607
Wireless processor info/信息	CAT4
USIM/SIM slot/接口	Standard 6 PIN SIM card interface 3V SIM card and 1.8V SIM card
Operating temperature/ 工作温度	-35 to 75° C
Storage temperature/存储温度	-40 to 90° C

Optional frequency band 可选频段

ML358-TD3	FDD:B2 / B3 / B4 / B5 / B7 / B8 / B12 / B13 / B17 / B25 / B26 / B66 ; TDD:B41 ; WCDMA:B2 / B4 / B5 / B8 ; GSM:850,900,1800,1900
ML358-FA3	FDD:B2 / B3 / B4 / B5 / B7 / B8 / B12 / B13 / B17 / B25 / B26 / B66 / B71 ; TDD:B41 (2496MHz-2690MHz) ; WCDMA:B2 / B4 / B5 / B8 ; GSM:850,900,1800,1900
EC25-AF	LTE:B2 / B4 / B5 / B12 / B13 / B14 / B66 / B71 ; WCDMA:B2 / B4 / B5
EC25-AU	FDD:B1 / B2 / B3 / B4 / B5 / B7 / B8 / B28 ; TDD:B40 ; WCDMA:B1 / B2 / B5 / B8 ; GSM:B2 / B3 / B5 / B8
EC25-E	FDD:B1 / B3 / B5 / B7 / B8 / B20 ; TDD:B38 / B40 / B41 ; WCDMA:B1 / B5 / B8 ; GSM:B3 / B8

Solution/方案 ASR CAT6	
Interface/接口	PCIE
Wireless chipset supplier/芯片厂商	ASR
Wireless chipset model/型号	1826
Wireless processor info/信息	CAT6
USIM/SIM slot/接口	Standard 6 PIN SIM card interface 3V SIM card and 1.8V SIM card
Operating temperature/工作温度	-35 to 75° C
Storage temperature/存储温度	-40 to 90° C

Optional frequency band 可选频段	
EG060V-EA	LTE-FDD: B1 / B3 / B5 / B7 / B8 / B20 / B28 ; LTE-TDD: B38 / B40 / B41 ; 2 × CA②: B1 + B1 / B3 / B5 / B8 / B20 / B28 ; B3 + B3 / B5 / B7 / B8③ / B20 / B28 ; B7 + B5 / B7 / B8 / B20 / B28 ; B38 + B38; B40 + B40; B41 + B41 WCDMA: B1 / B5 / B8

Solution/方案 Qualcomm CAT6	
Interface/接口	PCIE
Wireless chipset supplier/芯片厂商	Qualcomm
Wireless chipset model/型号	EP06
Wireless processor info/信息	CAT6
USIM/SIM slot/接口	Standard 6 PIN SIM card interface 3V SIM card and 1.8V SIM card
Operating temperature/工作温度	-35 to 75° C
Storage temperature/存储温度	-40 to 90° C

Optional frequency band 可选频段	
EP06-E	LTE-FDD: B1 / B3 / B5 / B7 / B8 / B20 / B28 / B32 LTE-TDD: B38 / B40 / B41 2xCA: B1+B1 / B5 / B8 / B20 / B28; B3+B3 / B5 / B7 / B8 / B20 / B28; B7+B5 / B7 / B8 / B20 / B28; B20+B32; B38+B38; B40+B40; B41+B41 (备注: B32 仅用于辅助分量载波) WCDMA: B1 / B3 / B5 / B8
EP06-A	LTE-FDD: B2 / B4 / B5 / B7 / B12 / B13 / B17 / B25 / B26 / B29 / B30 / B66 LTE-TDD: B41 2xCA: B2+B2 / B5 / B12 / B13 / B17 / B26 / B29; B4+B4 / B5 / B12 / B13 / B17 / B26 / B29; B7+B5 / B7 / B12 / B13 / B17 / B26 / B29; B25+B5 / B12 / B13 / B17 / B25 / B26 / B29; B30+B5 / B12 / B13 / B17 / B26 / B29; B66+B5 / B12 / B13 / B17 / B26 / B29 / B66; B41+B41 (备注: B29 仅用于辅助分量载波) WCDMA: B2 / B4 / B5
EP06-LA	LTE-FDD: B2 / B3 / B4 / B5 / B7 / B8 / B20 / B28 2xCA: B2+B2 / B5 / B8 / B20 / B28; B3+B3 / B5 / B7 / B8 / B20 / B28; B4+B4 / B5 / B8 / B20 / B28; B7+B5 / B7 / B8 / B20 / B28 WCDMA: B2 / B3 / B4 / B5 / B8

以上为常用频段，频段可根据模块按需定制！

The above are common frequency bands, which can be customized according to the module needs!