



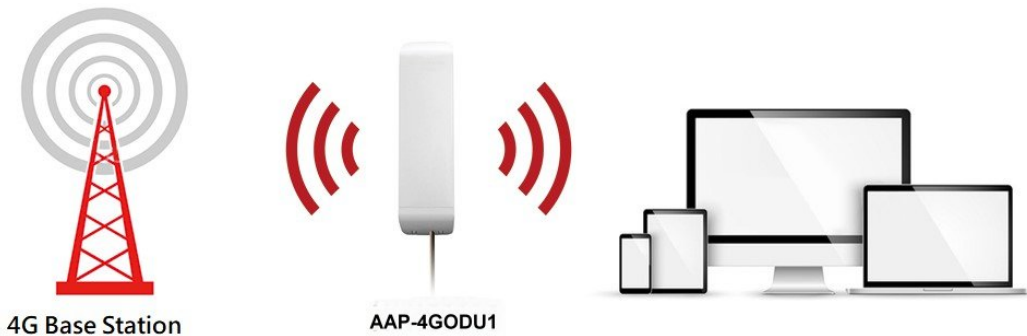
AAP-4GODU1

Passive PoE 4G Hub

The AAP-4GODU1 Series 4G LTE Outdoor Router employs LTE — the latest mobile broadband technology with high popularity — to deliver the best data rates possible at up to 150/50 Mbps or 300/50 Mbps(DL/UL). With bridge and router modes embedded, the AAP-4GODU1 Series is adaptive to all kinds of devices/gateways for seamless integration with your CPE on-hand in a simple yet complete way to meet your needs.

Features:

- Support 4G LTE Cat4/6 Band 42/43
- Support Passive PoE 12Vdc input
- Built in 4G LTE modem, 1 Sim Slot Support
- 1X 10/100 Passive 12Vdc PoE input
- 1X 10/100 Passive 12vdc PoE output, come with PoE Splitter for ipcamera
- Support 1X built in 8 dbi 4G LTE Antenna (3500Mhz)
- Built-in Standard Sim Slot



Specifications:

Main Chip: Realtek RTL 8187FH

Flash:4MB

4G Module: Mini PCIE cat4

4G Band:

Band42(UL : 3400-3600 MHz, DL : 3400-3600 MHz)

Band43(UL : 3600-3800 MHz, DL : 3600-3800 MHz)



4G MIMO: 2X2

LAN1: 1X 12vdc 10/100mbps Passive PoE In

LAN2: 1x 12vdc 10/100mbps Passive PoE Out

Antenna: 8 dbi direction 4G Antenna

Operation Temperature : -20°C ~ 70°C

Storage Temperature : -30°C ~ 80°C ambient temperature

Humidity : 00 ~ 90% typical

Power Consumption : 12W (Maximum)

Power Requirement : Passive PoE (DC 12V 1A) input

Cat6 Support list as following

Frequency	EP06-E	EP06-A	EP06-LA	MG06-APAC (under planning)	
LTE	LTE-FDD	B1/B3/B5/B7/B8/B20/B28/B32 ^①	B2/B4/B5/B7/B12/B13/B25/B26/B29/B30/B66	B2/B3/B4/B5/B7/B8/B20/B28	B1/B3/B5/B7/B8/B18/B19/B21/B26
	LTE-TDD	B38/B40/B41	\	\	B38/B39/B40/B41
	2xCA	B1+B1/B5/B8/B20/B28; B3+B3/B5/B7/B8/B20/B28;	B2+B2/B5/B12/B13/B26/B29 ^① ; B4+B4/B5/B12/B13/B26/B29 ^① ;	B2+B2/B5/B8/B20/B28; B3+B3/B5/B7/B8/B20/B28;	B1+B3/B8/B18/B19; B3+B5/B19;
		B7+B5/B7/B8/B20/B28; B20+B32 ^①	B7+B5/B7/B12/B13/B26/B29 ^① ; B25+B5/B12/B13/B25/B26/B29 ^① ;	B4+B4/B5/B8/B20/B28; B7+B5/B7/B8/B20/B28;	B7+B5/B7; B21+B19;
		B38+B38; B40+B40; B41+B41	B30+B5/B12/B13/B26/B29 ^① ; B66+B5/B12/B13/B26/B29 ^① /B66		B38+B38; B39+B39; B39+B41; B40+B40; B41+B41
UMTS	WCDMA	B1/B3/B5/B8	B2/B4/B5	B2/B3/B4/B5/B8	B1/B5/B6/B8/B9/B19
Embedded GNSS	Y	Y	Y	Y	Y
PCIe Interface	Optional	Optional	Optional	Optional	Optional
USB 3.0	Y	Y	Y	Y	Y
Region	EMEA, Australia, Brazil	North America	Latin America	APAC	
Certification	CE*/ GCF*/ Carrier Certificate (TBD)	FCC*/ PTCRB*/ GCF*/ AT&T*/ Verizon*	TBD	TBD	

Cat 4 Support list

Frequency	MG25-E	MG25-A	MG25-V	MG25-AUT	MG25-AU	MG25-AUTL	MG25-J	MG20-C R2.1	MG20-CE R2.1	
LTE	FDD-LTE	B1/ B3/ B5/ B7/ B8/ B20	B2/ B4/ B12	B4/ B13	B1/ B3/ B5/ B7/ B28	B1/ B2 ^① / B3/ B4/ B5/ B7/ B8/ B28	B3/ B7/ B28	B1/ B3/ B8/ B18/ B19/ B26	B1/ B3/ B8	B1/ B3/ B5/ B8
	TDD-LTE	B38/ B40/ B41				B40		B41	B34/ B38/ B39/ B40/ B41	B34/ B38/ B39/ B40/ B41
3G	WCDMA	B1/ B5/ B8	B2/ B4/ B5		B1/ B5	B1/ B2/ B5/ B8		B1/ B6/ B8/ B19	B1/ B8	B1/ B8
GSM/EDGE	B3/ B8					B2/ B3/ B5/ B8			B3/ B8	B3/ B8
Embedded GNSS	Optional	Optional	Optional	Optional	Optional		Optional	Optional	Optional	Optional
Wi-Fi Interface	Y	Y	Y	Y	Y		Y	Y	Y	Y
Region	EMEA, Korea, Thailand, India	America	America	Australia	Latin America, ANZ, Taiwan	Japan	Japan	China	China, India	
Certification	CE/ GCF/ KC/ SKT/ NBTC/ Vodafone/ EAC	FCC/ PTCRB/ IC/ ROGERS/ AT&T	FCC/ GCF/ Verizon	RCM	RCM/ NCC/ Anatel		JATE/ TELEC/ Docomo*/ Softbank	CCC/ SRRC/ NAL	CCC/ SRRC/ NAL	