

UM2M 4G

SKU: 4023CPAL

- All 3G and 4G/LTE networks
- Up to 25dB of added gain
- Perfect for your M2M needs

Frequencies:

700 MHz Band 13
700 MHz Band 12 & 17
850 MHz
1900 MHz
1700/2100 MHz.

Included:

- Uniden **UM2M 4G** Booster
- 12V Lighter Plug Power Adapter
- Installation and User Guide
- 2 year warranty

Available Options

- 12V Direct Power Adapter
- SMA to FAKRA Adapter
- Low Loss Coaxial Cable Extension
- Extended Warranty

* Coverage varies on input signal



**MACHINE TO MACHINE
DIRECT CONNECTION BOOSTER**

- Connect directly to any cellular device such as the Uniden UV350, Uniden Truckfone or any other cellular modem or cellular device that allows an external antenna.
- This M2M cellular booster can be used in both fixed and mobile applications. It can not only be used in a vehicle but also inside buildings and camps for cellular modems on your network or directly on equipment like vending machines and ATM machines.

NETWORK COMPATIBILITY

2G, 3G, 4G/LTE
Works on all technologies including CDMA, PCS, HSPA, HSPA+, AWS, LTE.

POWERFUL

Maximum 30 dB gain and 20 dbm of linear output power. Great for area with very weak signal.

**FULLY AUTOMATED GAIN
CONTROL**

Equipped with smart software that in real time will increase and decrease the power of the booster depending on the strength of your signal. Ensuring you have the best quality signal where and when you need it.

NETWORK FRIENDLY

Automatically shuts down the device in case of oscillation or an overloaded signal in order to prevent interference on the operators network..



PLUG & PLAY
Easy installation.



GET MORE BARS
Great to increase your coverage in weak signal areas



WARRANTY
2 Year manufacturer warranty

ALL MAJOR CELLULAR OPERATORS
but not limited too



Uniden® UM2M 4G

BOOSTER TECHNICAL SPECIFICATIONS



RF Parameter		Uplink	Downlink
Frequency Range	LTE Lower A+B Block	698 ~ 716 MHz	728 ~ 746 MHz
	LTE Upper C Block	776 ~ 787 MHz	746 ~ 757 MHz
	CDMA	824 ~ 849 MHz	869 ~ 894 MHz
	PCS	1850 ~ 1910 MHz	1930 ~ 1990 MHz
	AWS	1710 ~ 1780 MHz	2110 ~ 2180 MHz
* Model available with EU frequencies			
Band Width	LTE Lower A+B Block/Upper C Block	Wide Band	
	CDMA/PCS/AWS		
Max Gain	LTE Lower A+B Block	30 dB	
	LTE Upper C Block	30 dB	
	CDMA	30 dB	
	PCS	30 dB	
	AWS	30 dB	
Max. Output Power	20 dBm	0 dBm	
AGC (Step Attenuation)	31 dB / 1 dB step		
Inter-Modulation	≤ - 19 dBm	≤ - 19 dBm	
Spurious Emission	≤ - 36 dBm ~ ≤ - 30 dBm		
Electrical Parameter			
Power Supply	DC 12 V / 3 A		
Impedance	50 ohm		
Mechanical Parameter			
I/O Port	SMA-Female		
Dimensions	95 * 117 * 40 mm		
Weight	≤ 1 Kg		
Environment Parameter			
Operating Temperature	-25 °C ~ +55 °C		
Relative Humidity	5% - 95%		
Environment Conditions	IP40		