

Beam LTE Bundle 3

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Beam LTE Vehicular Magnetic Mount Bundle (MG200-VMB)



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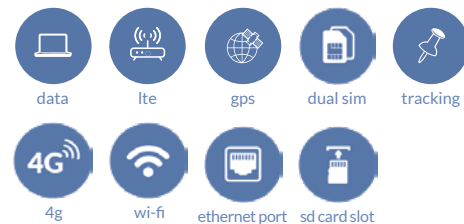
The LTE715 Antenna combines 4G LTE multiple-input, multiple-output (MIMO) antenna elements and GPS antenna elements that are ideal for vehicles that travel frequently in fringe and rural locations.

Together, this bundle is the ideal external combination antenna solution that is used where drilling a hole through the roof of a vehicle.

The Beam LTE715 Vehicular Magnetic Mount Antenna is a highly durable and robust antenna and is weatherproof, designed for harsh environments.

Key Features

- Simple and affordable high-speed connectivity
- 4G LTE Category 13 (up to 391Mbps DL) with failover to 3G
- Dual SIM failover protection
- Location tracking with GPS
- Wi-Fi access point and hotspot functionality
- Industrial design for vehicle environments
- Antenna efficient element design combining LTE and GPS.
- Vibration and shock resistant



APPLICATIONS



Technical Specifications

MG200 LTE GATEWAY

PHYSICAL SPECIFICATIONS

Dimensions	mm (L x W x H)	inches (L x W x H)
Unit (w/o Bracket kit)	131 x 99 x 31	5.2 x 3.9 x 1.2
Unit (with Bracket kit)	167 x 99 x 39	6.6 x 3.9 x 1.5
Outer Box	278 x 247 x 69	10.94 x 9.72 x 2.60
Weight	kgs	lbs
Unit	0.625	1.377

ENVIRONMENTAL SPECIFICATIONS

Temperature	Degrees °C	Degrees °F
Operating Range	-30° to +70°	-22° to +158°
Storage	-40° to +85°	-40° to +185°
Humidity	10%~95% (non condensing)	

RF CHARACTERISTICS

LTE Module	1 x LTE-Cat.13, 2 x SIM, with GNSS
Ethernet	2 x RJ45 FE
Wi-Fi	802.11n 2T2R (2.4GHz)
Log Storage	1 x MicroSD card slot
Power Input	1 x DC 9V ~ 36V (Terminal Block)
Antenna Con.	Power Input
Power Input	2 x SMA (F)-LTE, 2 x SMA(M)-Wi-Fi, 1 x SMA(F)-GPS

WAN & UPLINK

WAN	Cellular & Config. Ether-WAN; Failover, Load Balance,
Cellular	3GPP, 3G/LTE, IP Pass-through, IPv4/6
Ether-WAN	Dynamic IP, Static IP, PPPoE, PPTP, L2TP
Network Monitor	ICMP/DNS Query

WI-FI SPECIFICATIONS

Standard	2.4GHz MIMO 802.11n
Mode	AP Router, WDS, WDS Hybrid Modes
Functions	Multi-SSID, WMM
Security	WEP, WPA, WPA2, WPA-PSK, WPA2-PSK, 802.1x
Captive Portal	Wi-Fi hotspot

CERTIFICATIONS

EMC	EN 55032, ETSI EN 301 489-1, ETSI EN 301 489-17, EN 301489-52
Radio	ETSI EN 300 328, AS/ACIF S042.1 & AS/CA S042.4
Safety	AS/NZS 2772.2, IEC62368

LTE715 MAGNETIC MOUNT ANTENNA

PHYSICAL SPECIFICATIONS

Color	Black	
Mounting Pole	Ø 54 x 68.2	
Cable Length (m)	5	
Dimensions	mm (L x W x H)	inches (L x W x H)
Unit	47 x 32 x 23	1.85 x 1.25 x 0.90
Packing Dimensions	165 x 150 x 85	6.49 x 5.90 x 3.34
Weight	kgs	lbs
Unit	0.3	0.66
Packing Weight	0.4	0.88

ENVIRONMENTAL SPECIFICATIONS

Temperature	Degrees °C	Degrees °F
Operating Temperature	-40°C + 85°C	-40°F to +185°F

ANTENNA SPECIFICATIONS

	LTE	GPS
Frequency (MHz)	698-960 / 1710-2170 / 2300-2700	- 1575.42
Gain (dBi)	-0.1/2.9/3.5	28 @ 2.7 V
Polarization	Linear	RHCP
V.S.W.R (dB)	~2.7:1/~1.5:1/~1.4:1	<=1.4:1 dB
Impedance (ohm)	50	50
Input Power (W)	25	NA
Radiation Pattern	Omni-Directional	Hemispherical

LTE VEHICULAR MAGNETIC MOUNT

KIT CONTENTS

1 x Beam MG200 LTE Gateway
2 x Cellular Antennas
2 x Wi-Fi Antenna
1 x Terminal Block (2-pin for DC Power)
2 x Mounting Brackets
1 x Screw Bag
1 x Din Rail Bracket with Screws
1 x Spare Device Label
1 x AC Power Adapter with AU Plug
1 x Fused Power Cable
4 x Rubber Feet
1 x MG200 LTE Gateway Quick Start Guide
1 x Beam LTE715 Magnetic Mount Antenna
1 x LTE Vehicular Magnetic Mount Bundle Installation Guide

