



BLACKVUE
CLOUD

CM100GLTE
User Guide

External Connectivity Module



ENGLISH

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BLACKVUE

CM100GLTE

For manuals, customer support and FAQs go to www.blackvue.com

In the box

Check the box for each of the following items before installing the BlackVue device.



Connectivity module



SIM eject tool



Cable Clips (4ea)



Double-side tape



User guide



SIM activation guide



Screw Driver

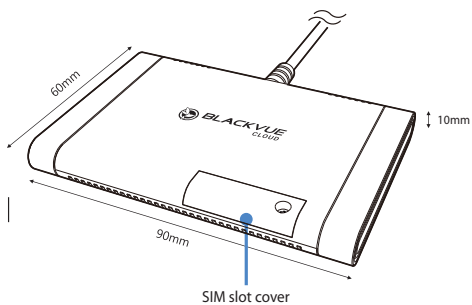
Need help?

Download the manual (including FAQs) and the latest firmware from www.blackvue.com

Or contact a Customer Support expert at cs@pittasoft.com

► At a glance

The following diagram explains details of the external connectivity module.



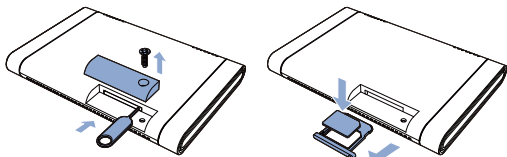
Install and power up

Install the connectivity module at top corner of the windshield. Remove any foreign matter and clean and dry the windshield before installation.

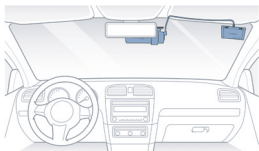
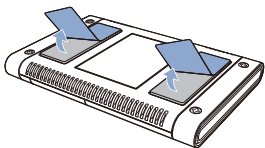


Warning

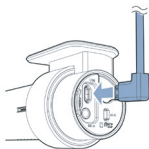
- Do not install the product in a location where it can obstruct the driver's field of vision.
- A** Turn off the engine.
- B** Unscrew the bolt that locks the SIM slot cover on connectivity module. Remove the cover, and unmount the SIM slot using the SIM eject tool. Insert the SIM card into the slot.



- C Peel off the protective film from the double-sided tape and attach the connectivity module to the top corner of the windshield.



- D Connect the front camera (USB port) and the connectivity module cable (USB).



- E Use the pry tool to lift the edges of the windshield trim/molding and tuck in the connectivity module cable.
- F Turn on the engine. The BlackVue dashcam and connectivity module will power up.

 **Note**

- For full details on installing the dashcam on your vehicle, refer to the "Quick Start Guide" that is included in the BlackVue dashcam package.
- SIM card must be activated to use LTE service. For details, refer to the SIM Activation Guide.

Product specifications:

CM100GLTE

Model Name	CM100GLTE
Color/Size/Weight	Black / Length 90 mm x Width 60 mm x Height 10 mm / 110g
LTE Module	Quectel EC25
LTE Supported Band	EC25-A : B2/B4/B12 EC25-J : B1/B3/B8/B18/B19/B26 EC25-E : B1/B3/B5/B7/B8/B20
LTE Features	Support up to Non-CA CAT. 4 FDD Support 1.4/3/5/10/15/20MHz RF Bandwidth LTE-FDD : Max 150Mbps(DL) / Max 50Mbps(UL)
LTE Transmit Power	Class 3 : 23dBm +/-2dBm @ LTE-FDD Bands
USIM Interface	Support USIM Nano Card / 3.0V
GNSS Feature	Gen8C Lite of Qualcomm Protocol : NMEA 0183 Mode : GPS L1, Glonass G1, Galileo E1, Bei-dou B1
Connector Type	Micro USB Type-B Connector with Harness Cable
USB Interface	Compliant with USB 2.0 specification(Slave Only), Reach up to 480Mbps for data transfer rate
LTE Antenna Type	Fixed / Intenna (Main, Diversity)
GNSS Antenna Type	Ceramic Patch Antenna
Power Supply	USB Harness Cable : 3.0m Typical Supply Voltage : 5.0V / 1A Supply Input Voltage : 3.3V ~ 5.5V / Max. Current : 2A

Power Consumption	Idle Mode : 30mA / Traffic Mode : 620mA @ Max. Power (23dBm)
Temperature Range	Operation Temperature Range : -35°C ~ +75°C Storage Temperature Range : -40°C ~ +85°C
Certifications	CE, UKCA, FCC, ISSED, RCM, TELEC, KC, WEEE, RoHS

Notes

Notes

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Any changes or modifications (including the antennas) to this device that are not expressly approved by the manufacturer may void the user's authority to operate the equipment.

Note : This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Modifications not expressly approved by the manufacturer could void your authority to operate the equipment under FCC rules.

Product Warranty

- The term of this product warranty is 1 year from the purchase date. (Accessories such as an External Battery/microSD Card: 6 Months)
- We, PittoSoft Co., Ltd., provide the product warranty according to the Consumer Dispute Settlement Regulations (drawn up by the Fair Trade Commission). PittoSoft or designated partners will provide the warranty service upon request.

Circumstances		Warranty		
		Within the Term	Outside of the Term	
For performance/functional problems under normal use conditions	For serious repair required within 10 days of purchase		Exchange/Refund	N/A
	For serious repair required within 1 month of purchase		Exchange	
	For serious repair required within 1 month of exchange		Exchange/Refund	
	When not exchangeable		Refund	
	Repair (If Available)	For Defect	Free Repair	Paid Repair/ Paid Product Exchange
		Repeated problem with the same defect (up to 3 times)	Exchange/ Refund	
		Repeated trouble with different parts (up to 5 times)		
	Repair (If Unavailable)	For the loss of a product while being serviced/repared	Exchange/ Refund	Refund after depreciation plus an additional 10% (Maximum: purchase price)
		When repair is unavailable due to lack of spare parts within the component holding period		Exchange/ Refund after depreciation
		When repair is unavailable even when spare parts are available		
1) Malfunction due to customer fault <ul style="list-style-type: none"> - Malfunction & damage caused by user negligence (fall, shock, damage, unreasonable operation, etc.) or careless use - Malfunction & damage after being serviced/repared by an unauthorized third party, and not through Pittasoft's Authorized Service Center. - Malfunction & damage due to the use of unauthorized components, consumables, or separately sold parts 		Paid Repair	Paid Repair	
2) Other Cases <ul style="list-style-type: none"> - Malfunction due to natural disasters (fire, flood, earthquake, etc.) - Expired life span of a consumable part - Malfunction due to external reasons 				

- This warranty is only valid in the country where you purchased the product.



R 211-161102

Complies with
IMDA Standards
DB107407

FCC ID: YCK-CM100GLTE / Contains FCC ID: XMR201605EC25A / Contains IC ID: 10224A-201611EC25A

Declaration of Conformity

Pittasoft declares that this device complies with the essential requirements and relevant provisions of Directive 2014/53/EU

Go to www.blackvue.com/doc to view the Declaration of Conformity.

Product		External Connectivity Module
Model Name		CM100GLTE
Manufacturer		Pittasoft Co., Ltd.
Address		4F ABN Tower, 331, Pangyo-ro, Bundang-gu, Seongnam-si, Gyeonggi-do, Republic of Korea, 13488
Customer Support		cs@pittasoft.com
Product Warranty		One-Year Limited Warranty

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