

# EXPLORER 540 LTE Modem

Turn your BGAN into a dual mode M2M terminal

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The most important thing we build is trust

**COBHAM**



# EXPLORER 540 LTE Modem

Turn your BGAN into a dual mode M2M terminal



- Powerful LTE Modem designed for the EXPLORER 540 BGAN M2M
- Simply connect the LTE Modem on the back of the EXPLORER 540 via USB and use a local cellular network as an alternative to BGAN
- Automatic failover between BGAN and cellular networks
- Designed for harsh environments with IP66 and an extended temperature range.
- Highest throughput of up to 150 Mbps with LTE Cat. 4



## Features

LTE: 150 Mbps DL, 50 Mbps UL (Cat. 4)  
Channel Bandwidths: 1.4 - 20 Mhz  
MIMO 2x2

UMTS/DC-HSPA+: 42 Mbps downlink, 5.76 Mbps uplink

GSM: GPRS & EDGE Class 12

Cellular SIM Card Holder      Micro USB Connector  
Short cable included



| Model       | LTE module      | Region        | Access Technology |                       |                   |
|-------------|-----------------|---------------|-------------------|-----------------------|-------------------|
|             |                 |               | LTE Bands         | UMTS Bands            | GSM Bands         |
| 403715A-101 | ublox TOBY-L200 | North America | 2,4*,5,7          | 850/900/AWS/1900/2100 | 850/900/1800/1900 |
| 403715A-102 | ublox TOBY-L210 | EUROPE / APAC | 1,3*,5,7,8,20     | 850/900/1900/2100     | 850/900/1800/1900 |

\*Requires external housing

Antenna: Integrated cellular antenna

## Dimensions:

L/W/D: 85 / 85 / 40 mm  
Weight: 380g

## Environmental:

Operating Temperature: -40 to +85°C (extended range)  
Industrial Grade: Automotive  
Ingress Protection: IP66

## BGAN firmware:

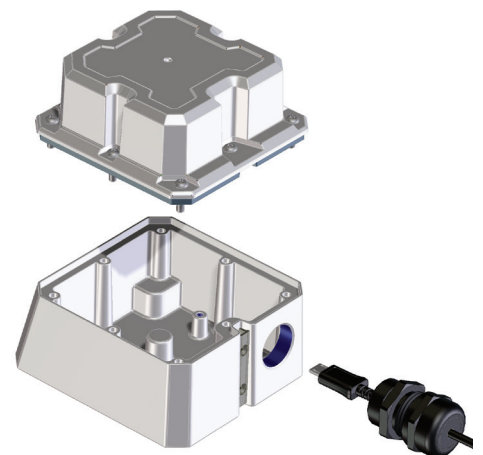
EXPLORER 540 version 1.02 or later

## Product numbers :

403715A-101: EXPLORER 540 LTE Modem (North America)  
403715A-102: EXPLORER 540 LTE Modem (Europe / APAC)  
403715A-110: LTE Modem Extension Kit  
- To mount the LTE Modem separate from EXPLORER 540

## Availability:

The US version (-101) and the Europe / APAC version (-102), as well as the Extension Kit, are scheduled to ship in July.



Optional LTE Modem Extension Kit for external housing

For further information please contact:

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