

C100-QM

C100-QM is the LTE CAT 4/3G/2G compatible **Smart Cellular Modules** 3GPP release 13, that comes with integrated eSIM. It also comes with integrated GPS and fall back to 3G/2G(EGPRS) network when required. The integrated eSIM feature ensures that this module can be deployed across the globe, making it an ideal solution for logistics, Automotive, Vehicle Tracking Systems and more.

Reimagining Cellular IoT Solutions

THE CAVLI ADVANTAGE

Integrated eSIM & global connectivity through HubbleThings™
Intelligent/Automatic local eSIM provisioning
Advanced firmware installation/update over-the-air
Pay-as-you-go global data subscription model

FEATURES

Excellent Indoor & Underground penetration
Compatibility with existing LTE networks
Optimized for higher bandwidth including voice
Paired for devices in mobility
Perfect for localized applications such as -
Security and Surveillance, Point of Sales, Health Monitoring,
Fleet Management and Asset Tracking

TECHNICAL SPECIFICATIONS

Supported Bands: 1/2/3/4/5/7/8/12/13/18/19/20/26/28/66/71
EGPRS: 850/900/1800/1900Mhz
LTE: 3GPP E-UTRA Release 13 CAT 4
CPU: ARM Cortex-A7 up to 1.3GHz, NAND/LPDDR2 up to 240Mhz
GPS, GLONASS, BeiDou Integrated

DATA & CONNECTIVITY

LTE- CAT 4
Uplink up to 150Mbps
Downlink up to 50Mbps

PACKAGING

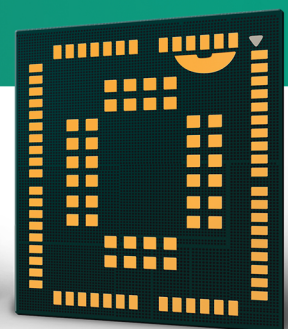
Dimension: 32 x 29 x 2.4 mm, Weight: 3.8g, LCC Package

TEMPERATURE RANGE

Temperature Range: -35°C to +85°C (operation) / -45°C to +90°C (storage)

INTERFACES

1.8V/3V SIM Interface
High speed UART, USB 2.0, GPS NEMA



APPLICABLE REGIONS
Asia-Pacific, EMEA

TECHNICAL HIGHLIGHTS

PARAMETERS	LTE- CAT 1
BANDWIDTH	20MHz
PEAK DATA RATE	150Mbps
UPLINK SPEED	50 Mbps
DOWNLINK SPEED	150 Mbps
LATENCY	10 Millisecond
POWER CONSUMPTION	Best at low data rates
PENETRATION	Excellent
VOICE	VoLTE

APPLICATIONS



Automotive & Logistics



Smart City



Energy & Utilities



Safety & Security



Manufacturing



Agriculture



Health Care/
E- Health



Retail



Smart Home

HubbleThings™

HubbleThings is our Device & Global Cellular Data Subscription management cloud platform, enabling businesses and industries to build & deploy easily scaleable global wireless IoT solutions.

Hubble Things