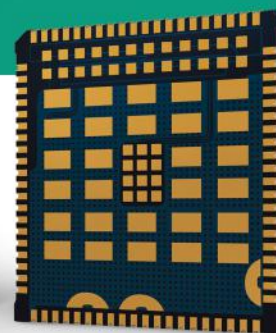




# C100QM

C100QM 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 coupled with Cavli Hubble Global Connectivity ensures the module can be deployed across the globe, making it an ideal solution for logistics, automotive, vehicle tracking systems and more.



**APPLICABLE REGIONS**  
Asia-Pacific, EMEA

## Reimagining Cellular IoT Solutions

### THE CAVLI ADVANTAGE

Integrated eSIM & global connectivity through Cavli Hubble™  
Intelligent/Automatic local eSIM provisioning  
Advanced firmware installation/update over-the-air  
PAYG Global Data Subscription Model

### FEATURES

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  
Supported RF Bands EGPRS: Quad Band  
LTE: 3GPP E-UTRA Release 13 CAT 4  
CPU: ARM Cortex-A7 up to 1.3 GHz, NAND/LPDDR2 up to 240 Mhz GPS,  
GLONASS, BeiDou Integrated

### DATA-CONNECTIVITY

LTE CAT 4, 3G and 2G  
Uplink up to 50 Mbps  
Downlink up to 150 Mbps

### PACKAGING

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

### TEMPERATURE RANGE

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

### INTERFACES

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

## TECHNICAL HIGHLIGHTS

PARAMETERS	LTE- CAT 1
BANDWIDTH	20 MHz
PEAK DATA RATE	150 Mbps
UPLINK SPEED	50 Mbps
DOWNLINK SPEED	150 Mbps
LATENCY	10 ms
PENETRATION	Excellent
VOICE	VoLTE

## APPLICATIONS



Automotive & Logistics



Smart City



Energy & Utilities



Safety & Security



Manufacturing



Agriculture



Health Care/  
E- Health



Retail



Smart Home

## Cavli Hubble™



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