

C31-SS

C31-SS is the LTE CAT M1/NB-IoT compatible Smart Cellular Modules 3GPP release 13, that comes with integrated eSIM. C31-SS has a healthy battery life profile due to Power Save Mode Capability. It also comes with integrated GPS/GLONASS. 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: 2/4/12/66
LTE: 3GPP E-UTRA Release 13 CAT M1/NB1
GPS, GLONASS, BeiDou Integrated

DATA & CONNECTIVITY

LTE-M(M1), NB-IoT
Uplink up to 100Kbps
Downlink up to 300Kbps

PACKAGING

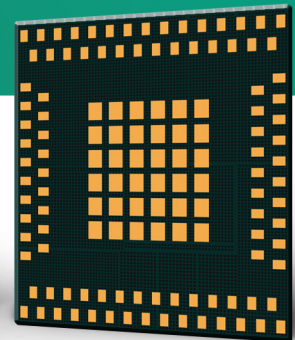
Dimension: 21.35 x 20.25 x 1.64 mm, Weight: 3.3g, LGA Package

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

North America

TECHNICAL HIGHLIGHTS

PARAMETERS	NB-IOT	LTE-M1
BANDWIDTH	180 KHZ 3GPP LICENSED	1.4 MHZ 3GPP LICENSED
PEAK DATA RATE	<100 KBPS	<300KBPS
UPLINK SPEED	27.2 KBPS	100KBPS
DOWNLINK SPEED	62.5 KBPS	300KBPS
LATENCY	1.5-10SEC	50-100MS
BATTERY LIFE	10+ YEARS	5-10 YEARS
POWER CONSUMPTION	BEST AT LOW DATA RATES	BEST AT MEDIUM RATES
PENETRATION	EXCELLENT	GOOD
VOICE	NO	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.