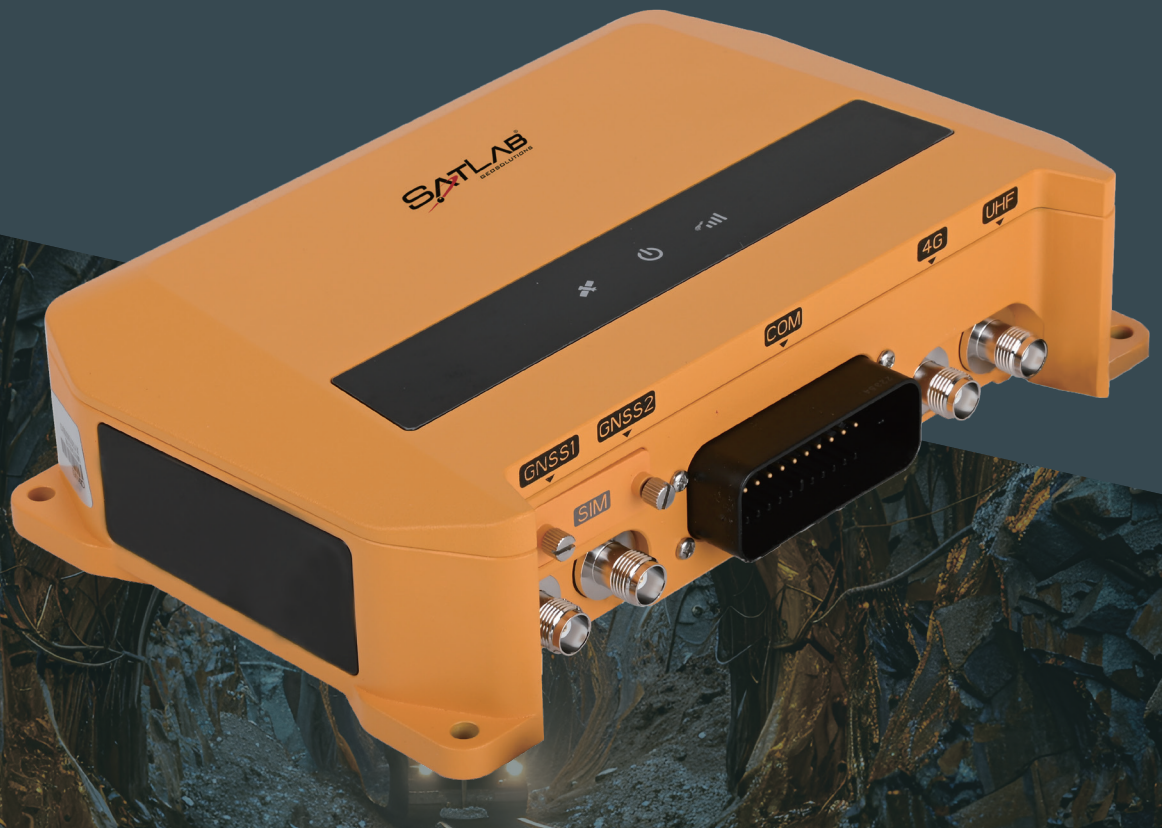


MC101

Intelligent Management Controller



Feature



Built-in Dual Antenna
GNSS Positioning Board



WiFi/Data Radio/4G
Module



LED Indicator and
UPS Power Supply



TNC Connector

Specifications

Size	Dimensions (LxWxH): 220 mm * 135 mm * 57 mm	
System	Microchip	Soc
	Model	Linux
GNSS	Signal	BDS: B1/B2/B3/B1C/B2a/B2b GPS: L1/L2/L5 GLONASS: L1/L2 GALILEO: E1/E5a/E5b/E6 QZSS: L1/L2/L5/L6
	Frequency	MAX 10 Hz
	Network Model	LTE-FDD/LTE-TDD/WCDMA/TD-SCDMA/ CDMA/GSM
Network	IoT	Built-in IoT card
	Brand	LTE-FDD: B1/B3/B5/B8 LTE-TDD: B34/B38/B39/B40/B41 WCDMA: B1/B8 TD-SCDMA: B34/B39 CDMA: BC0 GSM: 900/1800 MHz
WiFi	Frequency	2.4 GHz
	Protocol	802.11 a/b/g/n
WEB UI	WEB	Built-in web
Radio	Protocol	HITARGET19200, HITARGET9600, TRIMTALK450S, TRIMMARKIII, SOUTH19200, SOUTH9600, CHC19200, CHC9600, TRANSEOT, SATEL-3AS(25 k), SATEL-3AS(12.5 k)
	Frequency	410-470 MHz
	Channel	116, 100~115 configurable
Indicator	Sensitivity	-116 dBm @ >BER 10-5, 9600 bps -110 dBm @ >BER 10-5, 19200 bps
	LED Lights	Satellite light, data light, power light
Connector	4x TNC Connector (GNSS, UHF, GSM) 1x NANO SIM Card Connector 1x 26 Pin Connector	
Power	Power Input: 9-36 V Consumption: ≤3.5 W	
Rugged Feature	Protection Level: IP65	
	Drop: 1.2 Metres Free Fall	
	Vibration: GJB150.16A-2009	
	Shock: GB/T2423.5-2019	
	Salt Spray: GJB 150.11A, 96 Hours	
Operating Temp: -40 C~+75 C		
Storage Temp: -40 C~+85 C		



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