



0.00 EUR

incl. 19% VAT, plus [shipping](#)

- STM32L072 Controller !
- IP67 Rated Enclosure !
- Wall mount / Pole Mount !
- 2× digital inputs !

The EC-M12-BC-C6-C-C is a rugged, IP67-rated IoT telemetry unit designed for reliable outdoor and remote monitoring applications. Powered by high-capacity non-rechargeable lithium batteries, it delivers years of autonomous operation even in harsh environments.

Built on the ultra-low-power STM32L072CZT6 MCU, the device supports multi-network cellular connectivity for seamless data transmission. It also integrates directly with two industrial digital input (DI) interfaces, making it ideal for use in utilities, environmental monitoring, agriculture, and industrial asset management.

- EC-M12-BC-C6-C-C
- Rugged industrial design (IP67)
- Long battery life (38,000 mAh)
- Reliable operation (STM32L072)
- Secure connectivity (SIM7070)
- Dual digital input configuration for pulse counting, flow meters, and switch-based monitoring
- 12 V sensor power supply

Range of product	Model C
Product type	NORVI SENSOR NODE
Rated supply voltage	Built-in Battery LiSoCL
Communication	SIMCOM SIM7070 – 2G / NB-IoT
Sensor Power	12V DC / 5V DC

Displays and Visual Indicators	Connectivity Indicator
Enclosure	ABS + PolyCarbonate / IP67
Mounting / Installation Method	Wall mount / Pole Mount
Terminal Type	M8 – 8 pin connector
Dimensions	146 x 50 x 90 mm
IP degree of protection	IP67
Operating altitude	0...2000m
Operating temperature	-40 to +85 °C
Shock resistance	Not Applicable
Resistance to electrostatic discharge	VBAT/GND: ± 5 kV / ± 10 kV Antenna: ± 5 kV / ± 10 kV USB: ± 4 kV / ± 8 kV UART: ± 4 kV / ± 6 kV Other pads: ± 1 kV / ± 2 kV
Certifications	EN 61131-2:2007 EN 61010-1:2010+A1:2019 EN IEC 61010-2-201:2018 2014/30/EU- Electromagnetic Compatibility (EMC) Annex III, Part B, Module C
Product Unified Code / Part Number	EC-M12-BC-C6-C-C
Peripherals	
Card Type	MicroSD
Interface	SPI
Modem	SIM7070
Technology	LTE Cat-M1 NB-IoT (NB1/NB2) GSM/GPRS fallback (2G)
Coverage / Supported Bands	(B1/B2/B3/B4/B5/B8/B12/B13/B18/B19/B20/B26/B27/B28/B66) for Cat-M/NB, plus quad-band GSM (850/900/1800/1900 MHz).
Data Rate	LTE Cat-M1: up to 588 kbps DL / 1119 kbps UL NB-IoT: up to 26 kbps DL / 62.5 kbps UL GPRS: 85.6 kbps DL / UL