

ELENA NAVIC MARINE RECEIVER

(PART No: ELNM1C)

PRODUCT DESCRIPTION

Elena NavIC Marine Receiver is one of the crucial products of Elena Geo Tech tailored for the unique demands of marine environments. Utilizing advanced NavIC satellite technology, this receiver delivers highly accurate and reliable positioning data, even in challenging offshore conditions. The device continuously displays vital navigation information such as latitude, longitude, date, and time on a 12x2 LCD display.

This ensures mariners always have real-time awareness of their exact location and voyage timing, crucial for safe navigation, route planning, and compliance with maritime regulations.



TECHNICAL SPECIFICATIONS

Ser No	Parameters		Specifications
1	GNSS		
	(a)	Navigation Systems	NavIC, GPS, GLONASS, and GAGAN
	(b)	Signal Bands	L1, L5 and S (Optional)
2	Display		
	(a)	Display format	16x2 LCD display
	(b)	Display Parameters	Latitude, longitude, date and time
	(c)	Display size	64mm x 16mm

3	Antenna (3-D)	
	(a) Frequency Bands	Triband antenna (i) L5, 1176 – 1188 MHz (ii) L1, 1570 – 1607 MHz (iii) S, 2484 to 2492 MHz
	(b) Connector type	TNC
4	Antenna Cable	
	(a) Length	1.5 Meter
	(b) Type of connector	TNC
5	Hardening Test	
	(a) Drop Test	This product is tested by the Infantry School.
	(b) EMI/EMC	Tested
6	Communication Protocols	
	(a) Serial Communication	3x RS-232 (UART)
	(b) Baud-rates	4800, 9600, 115200