

AIS ATON-015

ATON AIS-015 is designed for radio transmission of AIS information on CHO and it meets the requirements of IEC 62320-2. AIS ATON-015 is designed for visualization in ECDIS of buoys, lanterns and other real and virtual navigation marks in marine and terrestrial AIS for solving problems of prevention of collisions of vessels and improving safety of navigation. AIS ATON-015 can be installed on plastic buoys type 400/5, 400/7, 225/4 - at the top of the battery compartment of buoys, markers and SNL - in close proximity to the lantern. ATON AIS-015 transmits messages №21, 6, 8, 12, 14 according to ITU-R M1371-3.

Operating frequency, MHz	161,975 (channel 87B) and 162,025 (channel 88B)
Transmitter power, W	4,5 ± 0,1 or 36,5dBm
Emission class	F1B
Modulation	Frequency with GMSK manipulation
Channel width, kHz	50
Antenna design	0,21λ-pin or ¼ λ-pin
Polarization	Vertical
Wave resistance to antenna output, Ohm	50
Power supply, Volt	From 9 to 30
Operating temperature range	From -40° C to +50° C, max from -50° C to +70° C.
Housing material	Aluminum, powder paint
Size L x W x H, mm	123 x 62 x 32,4
Mass, kg	0,56
Setting up	Via interface RS-232
Operating period	5 years
Storage period	5 years
Additional outputs	