

# A3LA-R



2024-11 v2

## Dependable Iridium® communications solution

The A3LA-R is a satellite modem comprised of an Iridium 9523 transceiver. It allows SBD, SMS, data switch and RUDICS connectivity to the Iridium satellite network. With a connected DPL handset, the A3LA-R can place voice calls similar to an Iridium 9555/9575 phones.



- Low-cost
- Small form-factor
- Capable of SBD, SMS, data switch, RUDICS and voice
- RS-232 interface
- Functionally is the same as the Iridium 9522B Modem
- ~60% smaller in volume than the Iridium 9522B Modem
- ~50% lighter than the Iridium 9522B Modem
- A3LA-R-MIL is certified to MIL-STD-810G standards and IP67 rating



Empowering Data Connectivity, Everywhere.

# A3LA-R TECHNICAL SPECIFICATIONS

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MECHANICAL		
Dimensions (L x W x H)	102 x 61 x 24 mm	4 x 2.43 x 0.95 in
Weight	198 g	7 oz
Data/Power Interface	25-Pin D-Sub	
Antenna Interface	TNC female connector	
Enclosure	Hard-anodized aluminum (EMI/EMC shielded)	
ELECTRICAL		
Input Voltage Range	4.0 V to 5.5 V or 5.0 V to 32 V	
Nominal Input	5 VDC	
Idle Power	80 mA @ 5 V	
Transmitted Power	350 mA @ 5 V	
RF BOARDS		
Iridium Transceiver	Iridium 9523	
ENVIRONMENTAL		
Operating Temperature	-30 °C to 70 °C	-22 °F to 158 °F
Operating Humidity	< 75% RH	

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