



Advanced Telematics

UHF RFID Reader & Tag

AT-RF-5-S-100

Fully Compliant. Secure Vehicle Identification.



AIS 140

Compliant, Secure & Reliable



Meets Latest AIS-140 Amendments

Supports all latest AIS-140 and IS 16722:2018 amendment requirements, ensuring full regulatory compliance for fuel and fleet applications.



Integrated High- Performance UHF Reader

Built-in antenna delivers consistent and accurate vehicle identification without external components.



Flexible Vehicle System Integration

Supports CAN-FD and RS232 for seamless integration with vehicle and fleet management systems.



AE-RFID Reader Series

Advanced
Telematics



Complete RFID identification system designed to meet all latest AIS-140 amendments, enabling secure, compliant, and reliable vehicle authentication for fuel management and intelligent fleet operations.

✓ Latest AIS-140 Compliance

✓ Secure Vehicle Identification

✓ IP68 Automotive-Grade Durability

✓ Seamless Vehicle Integration

RFID Reader		RFID TAG	
Parameters	Specifications	Parameters	Specifications
Frequency	865-868 MHz	Frequency	840-868 MHz
Protocol	EPC Gen2 / ISO 18000-6C	Protocol	EPC Gen2 / ISO 18000-6C
Reading Distance	250-300 mm	Memory	96-bit EPC, 512-bit User
Antenna	Integrated 3 dBi	Data Retention	10 years
Interfaces	CAN-FD, RS232	Operating Temperature	-40°C to +85°C
Operating Voltage	9V to 32V	Design	Passive, Tamper Proof
Operating Temperature	-20°C to +70°C	Compliance	IS 16722 with Latest Amendments
Protection	IP67		
Material	Automotive Grade PA6 GF30		
Compliance	AIS-140 IS 16722:2018 with Latest Amendments		

Empowering Secure Vehicle Identification

Complete in-house RFID system development and manufacturing, delivering Reader and Tag solutions fully compliant with latest AIS-140 amendments, backed by dedicated customer success support.

Let's Co-Create the Future of Mobility.

Accolade Electronics Pvt. Ltd.



R&D Centre & Plant : Pune, India



marketing@accoladeelectronics.com | +91 93710 18392 | +91 83088 00720



www.accoladeelectronics.com