

AUR6000 UHF Long Range RFID Reader

The **AUR6000** family of long range readers is a multi-tag, integrated reader. Elegantly designed in an IP66 beige housing, the reader is suitable for both indoor and outdoor use.

The reader operates with passive cards/tags and is used in a variety of applications, including car park management. The passive technology makes this solution ideal, eliminating the need for regular card maintenance or replacement.



Key Features

- Very long range with up to 8 meters
- Hands-free operation
- Outdoor weatherproof housing with adjustable mounting bracket
- Passive technology—maintenance-free cards/tags without battery
- Ideal for vehicle identification

Technical Specifications

Specifications*	AUR6102
Description	UHF Long Range RFID Reader
Read Range	8000 mm with ISO Card (or up to 2 m when transponder is placed inside vehicle or subject to other inferences)
Communication Interface	Wiegand 26/34, RS232, RS485
Buzzer	Multitone
Frequency Range	US (902-928 MHz), China (920-925 MHz), EU (865-867 MHz)
Antenna	Built-in with 12dbi gain
Read Rate	Multi-tag (200 pcs/sec), Single-tag (2000 pcs/min)
Read Mode	Periodic Scan or External Trigger
Card Format	ISO18000-6B / ISO18000-6C (EPC Gen 2)
Environmental	Weatherproof
Color	Beige
Mounting	Surface mount
RF Power Output	0 - 31 dBm
Input Voltage	9 - 15 VDC
Current Consumption	4000 A at 12 VDC max
Dimensions (H x W x D)	600 x 480 x 110 mm
Weight	5000 g
Operating Temperature	-20°C to 60°C

*Specifications are subjected to changes without prior notice

Ordering Information

Model No.	Description
AUR6102	UHF Long Range RFID Reader (up to 8m)