

# IDG-712G2

UHF Long Range Reader (15 Meter)

# IDGard



The IDGard Long Range Reader is designed to prohibit the entry of unidentified vehicles into the premises and provides an effective solution for vehicle/parking management, logistics and warehouse management, productive lines management, product counterfeit-proof inspection and other fields such as club, library, consumption, dining, pool and so on.

IDGard Long Range Reader also fully approved by SIRIM MCMC.



### IP54 Full Industrial Design

Not fear of rain or others harsh weather and it is able to work well in all kinds of demanding environments.



### Anti Clone Reader

Our reader encrypted by unique password to provide a higher security level compare to others competition in the market.



### Dedicating for Parking

Long range identification, and speciality dedicated software function for parking, thus reducing secondary development and integrations work.

# IDG-712G2

UHF Long Range Reader (15 Meter)

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15 Meter adjustable reading range



All in one structure for easy installation



Weather resistance

EPC C1 Gen2  
(ISO18000-6C),  
or ISO18000-6B

RFID Standards

\*All image and specification is subject to change without prior notice.

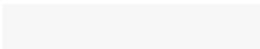


Approval No :  
RDBN/27A/1117/S(17-3425)  
Standards :  
MCMC MTSFB TC T007:2014



Technical Data	IDG-712G2
Read Range	Straight line Identification distance > Adjustable up to 15 meter
Frequency	919~923MHz
Communication Interface	Wiegand 26/34, *RS232 or *RS485 <span style="float: right;">*Require Special Order</span>
Input	DC12V/3A
Working Temperature	-20~+70°C
Storage temperature	-40~+85°C
Dimension	370mm x 360mm x 96mm
Net weight	3.3 kg
Humidity	0%~95% (non-condensing)
RFID Standard	EPC C1 Gen2(ISO18000-6C), or ISO18000-6B

## Standard Colours

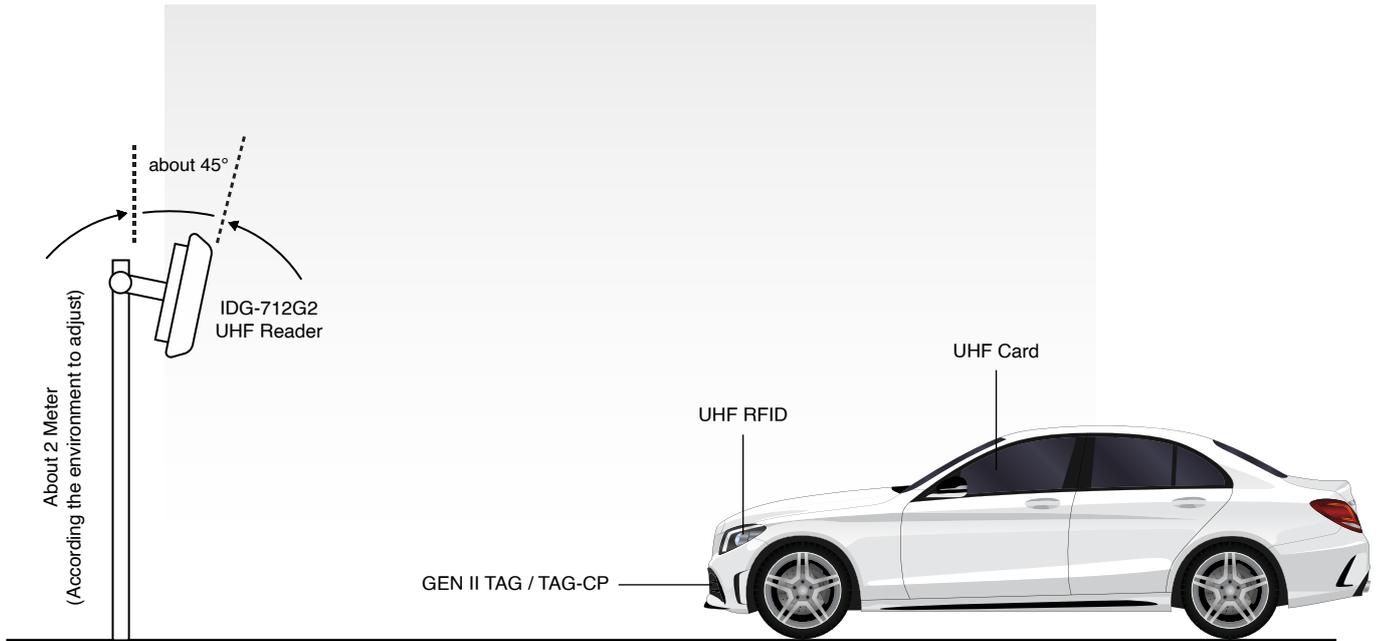


Signal White  
(Similiar to RAL9003)

## Ordering Info

Model	Communication Interface	Reading Range
IDG-712G2	Wiegand 26/34	15 Meter, Adjustable
IDG-712G2	RS232 <span style="color: red;">*Require Special Order</span>	15 Meter, Adjustable
IDG-712G2	RS485 <span style="color: red;">*Require Special Order</span>	15 Meter, Adjustable

### 15 Meter Reading Range



### Accessories

				
	Access Card	Access TAG	Access Anti Metal TAG	RFID Type Sticker
Model	IDG-PXC-GEN II	IDG-PXC-GEN II TAG	IDG-PXC-GEN II TAG-CP	IDG-PXC-PF3-GEN2-S-O-EN
Protocol	EPC C0 C1 Gen 2 / ISO 18000-6B / ISO 18000-6C	ISO18000-6C	EPC C0 C1 Gen 2 / ISO 18000-6B / ISO 18000-6C	ISO/IEC 18000-63(formerly 18000-6C) and EPC Gen2
Frequency	860 - 960MHz	920 - 925MHz	860 - 960MHz	860 - 960MHz
Memory Capacity	64bit	64bit	64bit	EPC 128bit      UNIQ TID 48bit
Dimension	86mm x 54mm x (Thickness) 1mm	155mm x 130mm x (Thickness) 11mm	250mm x 33mm	155mm x 30mm
Work mode	Read/Write	Read/Write	Read/Write	Read/Write
Material	ABS / PVC / PET	ABS	ABS / PVC / PET	PET
Application	Place on car dashboard/wave from inside the car	Mount on license plate position	Stick on windshield of the vehicle, anti tamper	Stick on windshield/vehicle headlight
Antenna				(10±2µm)+PET(50±5µm) Etched Aluminium (10±2µm) +PET (50±5µm)