



## IDLR Series

# UHF Long Range Reader

### IDLR-06/IDLR-12



#### KEY FEATURES

Integrates with Wiegand/RS232 compatible controllers

Drive boom barriers, bollards and other vehicle entrance automation equipment

Identify & authenticate vehicles from a long distance

Reading modes: Command/Timing/External Trigger

WPC Certified

FCC Compliance: FCC 47 CFR Part 15B and 15C

Complies EMC (Electromagnetic Compatibility) Directive 2004/108/EC:

- EN 301 489-1 V1.8.1:2008-04
- EN 301 489-3 V1.4.1:2002-08

Complies R & TTE (Radio & Telecommunication Terminal Equipment) Directive 1999/5/EC:

- EN 302 208-1 V1.2.1:2008-04
- EN 302 208-2 V1.2.1:2008-04

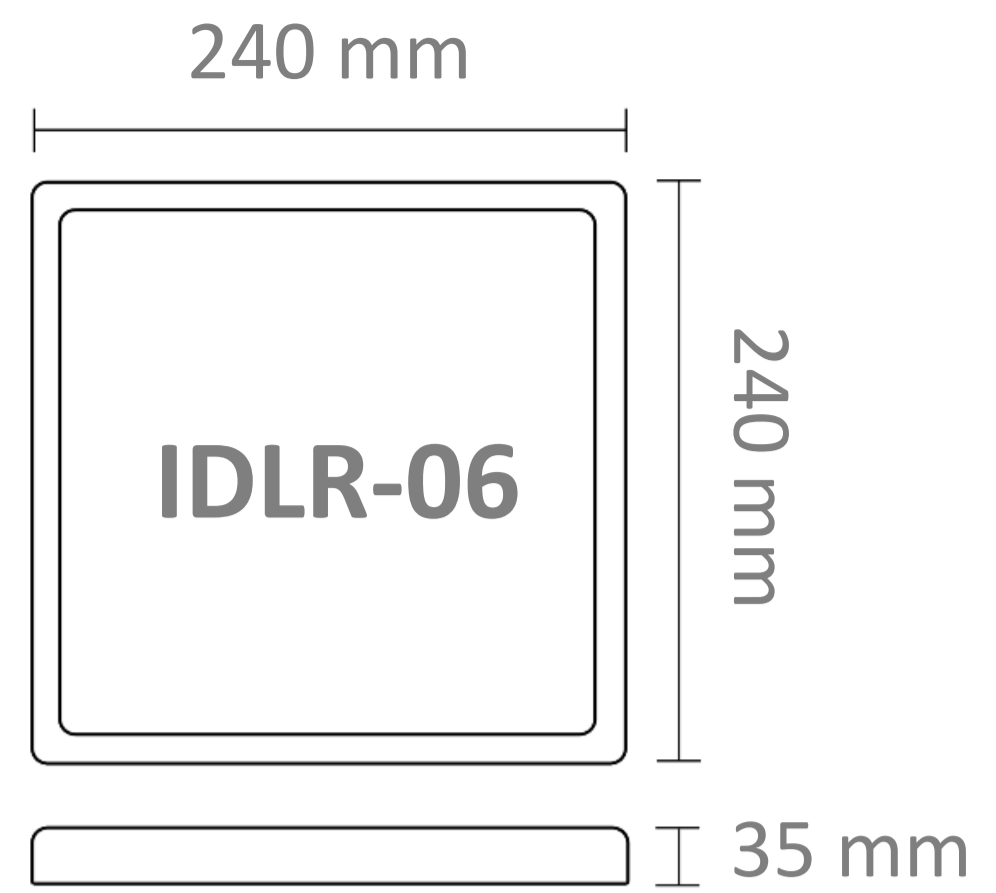
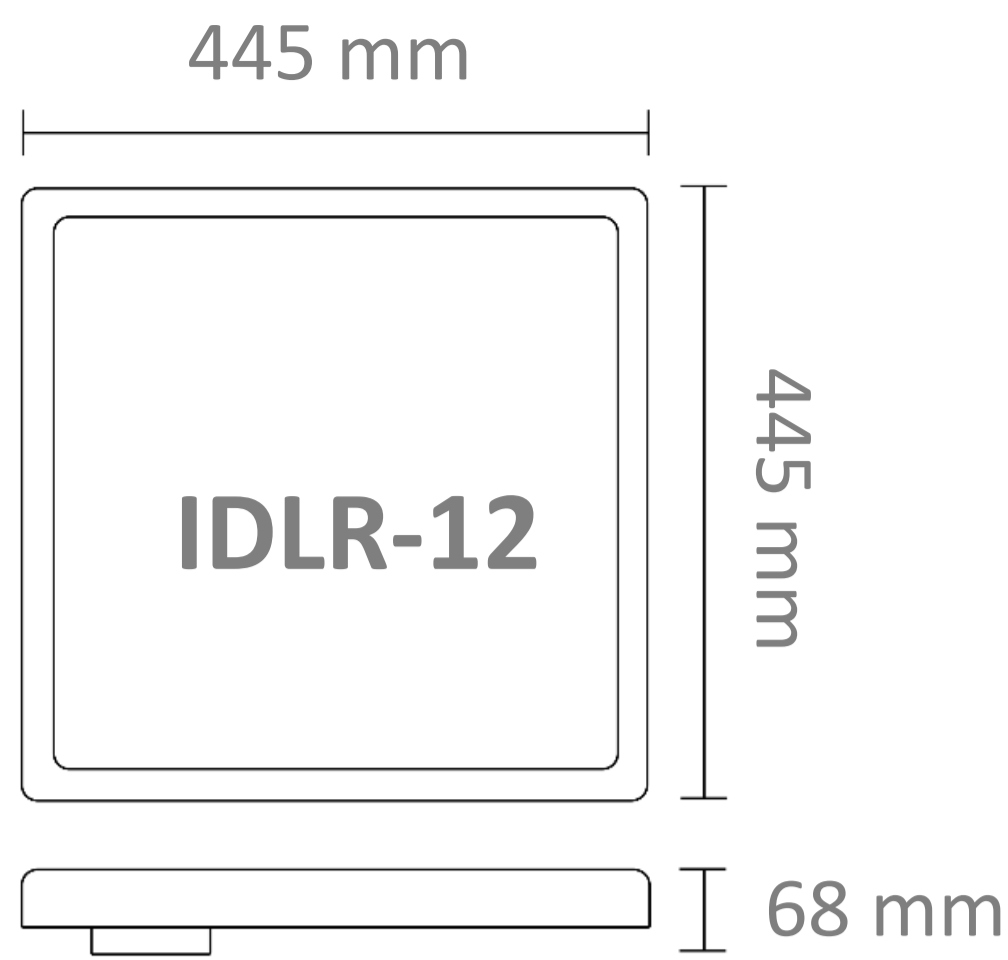
Safety: EN 60950-1:2006

IDCUBE's IDLR series of UHF based long range readers are used for vehicle access control, identification and authentication applications. Seamlessly integrates with Wiegand/RS232 compatible controllers to drive vehicle entrance automation equipment such as Boom Barriers, Bollards, etc. The readers identify & authenticate vehicles passing through entry/exit points of a facility, parking lots, etc. from a long distance.

IDCUBE's IDLR series of long-range readers are available in the following variants:

- IDLR-12 (UHF based long range reader with the read range of up to 12m\*)
- IDLR-06 (UHF based long range reader with the read range of up to 6m\*)

\*Quoted read distance/performance is achieved using standard IDCUBE test methodology, details available on request; Actual read distances may vary based on the choice of an RFID tag and installation conditions



## TECHNICAL SPECIFICATIONS

Characteristic	IDLR-12	IDLR-06
Frequency range	ISM 865-868 MHz or 902MHz-928MHz	
UHF protocol	ISO 18000-6B, ISO 18000-6C (EPC Gen 2)	
Operation mode	FHSS	
RF power	0-30 dbm, Software adjustable	
Carrier bandwidth	200 KHz	
Antenna	Built-in, linear/circular polarized antenna	
Antenna gain	12dbi	6dbi
Radiated power	4 watt ERP	
Data Input ports	Trigger input	
Reading mode	Command/Timing/Trigger, software programmable	
Reading speed	Software programmable , average reading per 64 bits<6ms	
Data ports	Standard Wiegand 26/34, RS485/232, software programmable	
Certifications	CE, WPC	
Reading range	Up to 12 m* , software adjustable	Up to 6m* , software adjustable
Reading clue	Buzzer	
Power supply	DC +9V ~ 12V (Power adaptor)	
Dimension(mm)	445 X 445 X 68	240 X 240 X 35
Weight(kg)	2.3	1.0
Operating temperature	- 20 °C ~ +80°C	
Ingress Protection	IP65	
Product Code	IDLR-12	IDLR-06

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For more information:  
[www.idcubesystems.com](http://www.idcubesystems.com)

**IDCUBE** Identification Systems Pvt. Ltd.  
 B-19, Sector-2, NOIDA 201301,  
 UTTAR PRADESH, INDIA  
 +91 120 4130715  
[contact@idcubesystems.com](mailto:contact@idcubesystems.com)

