

WDU060EM

Card Reader

DESCRIPTION

The WDU060EM is a compact contactless card reader designed for fast, secure, and reliable access control.



Performance Specifications

Specification Item	Technical Parameters / Description
Model	WDU060EM
Operating Voltage	DC 12V
Operating Current	Max. 120mA
Operating Frequency	13.56 MHz
Card Reading Response Time	Less than 0.1 seconds
Supported Card Operations	Read card serial number or read customer-defined card number within data blocks
Supported Cards	Mifare 1 (ISO14443A compliant)
Operating Distance	70 - 100 mm
Device Protection	Power reverse polarity protection; Data line voltage withstand protection, $\pm 15V$
Data Transmission Distance	> 60 meters
Operating Ambient Temperature	0°C to 60°C
Storage Temperature	-20°C to 70°C
Wiegand Output	Wiegand 26 / 34



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Lead Wire Electrical Characteristics

No.	Color	Name	Electrical Characteristic Description
1	Black	GND	Ground
2	Red	12VDC	DC power input, greater than 200mA
3	Green	D0	Wiegand 26 Data 0; normal high level > 4.7V, low level active
4	White	D1	Wiegand 26 Data 1; normal high level > 4.7V, low level active
5	Gray	Wiegand 34	Connected in parallel with the black wire (GND)

