ID TECH
IDENTITY AND SECURITY

PROXIMITY CARD READER
IDT KR500E/M

Proximity Card Mifare Card Brilliant LED IP65 Buzzer

The IDT KR500E/M Proximity Card Reader is a compact and rugged slave reader for access control designed for secure, fast, and reliable authentication. Built using advanced RFID technology, it supports 125kHz EM or 13.56MHz IC cards, ensuring smooth operation in multi-door access control systems. With its IP65 waterproof housing and durable construction, the KR500E/M delivers dependable performance in both indoor and outdoor setups, ideal for offices, factories, and gated facilities.

TECHNICAL SPECIFICATIONS

Dimension	7.8cm (H) x 1.6cm (D) x 4.4cm (W)
Weight	50 g
Color	Black
Operating Frequency	125 KHz Proximity Card Reader
	13.56 MHz Mifare Card Reader
Read Range	KR600-E: Up to 10 cm
	KR600-M: Up to 5 cm
Reading Time (Card)	≤200 ms
Power/Current	DC6-14V/Max.70mA
Connectivity	Wiegand
Input Port	2ea (External LED Control)
Output Format	KR600-E: 26-bit Wiegand (Default)
	KR600-M: 34-bit Wiegand (Default)
LED Indicator	2 Color LED Indicators (Red and Green)
Beeper	Yes

ENVIRONMENTAL SPECIFICATION

Working Temperature	-20℃ to +65℃
Working Humidity	10% ~ 90% (No condensing)

ORDER INFORMATION

Part Number	IDT.KR500E/M

APPLICATION AREA

Office Buildings   Factories And Warehouses   Schools And Universities   Hospitals And Healthcare Facilities   Government Buildings And Public Institutions