

PROXIMITY CARD READER

IDT KR500E



Proximity
Card



Low Cost



Brilliant
LED



The IDT KR500E is a 125KHz proximity card reader with a read range of up to 5 cm. It has a fast reading time of less than 200 ms and is powered by a DC 6-14V power source with a maximum current of 70 mA. The reader uses Wiegand connectivity and has two input ports, one for external LED control. The default output format is 26-bit Wiegand, but it can also be set to 34-bit Wiegand. The device has two-color LED indicators (red and green) and a built-in beeper.

TECHNICAL SPECIFICATIONS

Dimension	116 x 75 x 17.3 mm
Weight	50 g
Color	Black
Operating Frequency	125KHz Proximity card reader
Read Range	Up to 10cm
Reading Time (Card)	≤200 ms
Power/Current	DC6-14V/Max.70mA
Connectivity	Wiegand
Input Port	2ea (External LED Control)
Output Format	26 bit Wiegand (default) / 34bit Wiegand (default)
LED Indicator	2 Color LED Indicators (Red and Green)
Beeper	Yes

ENVIRONMENTAL SPECIFICATION

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

ORDER INFORMATION

Part Number

IDT.KR500E

APPLICATION AREA



Office Buildings



Factories And
Warehouses



Schools And
Universities



Hospitals And
Healthcare Facilities



Government
Buildings And
Public Institutions



ID TECH SOLUTIONS PVT. LTD.

610, Udyog Vihar Phase-5, Gurgaon, Haryana - 122016, INDIA | T. : +91-124 - 4255530 (6 Lines)

E.: info@idsolutionsindia.com | W: www.idsolutionsindia.com



The product specifications and descriptions listed in the specification sheet are subject to change anytime without notice.

©2023 ID Tech Solutions Pvt. Ltd. All Rights Reserved.