

ZIRCON Proximity Reader and Long Range Proximity Reader

Access Control for ALL Kind of Applications



SPECIFICATION FOR ZIRCON PROXIMITY READER

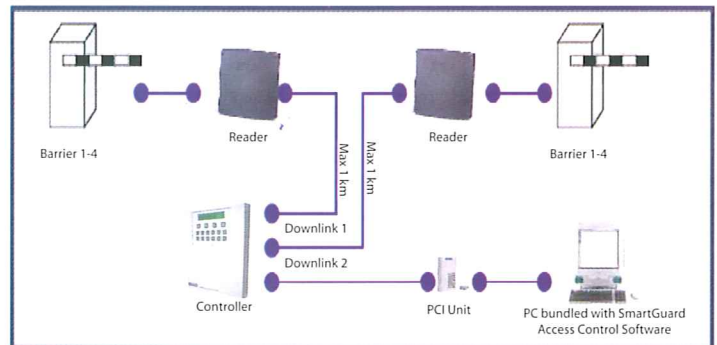
- ▶ Typical 5 cm reading range.
- ▶ 125KHz proximity reader.
- ▶ Output interface format is either Wiegand 26bits or ABA track 2 magnetic stripe formats.
- ▶ 2 LEDs indications for power and card reading status.
- ▶ 1 external LED input connection for status indication.
- ▶ On board buzzer output.
- ▶ Weather proof.
- ▶ Color code : ABS Black and Blue

ZIRCON Proximity Reader Installation PIN Assignment

No	Color	PIN Assignment
1	RED	DC + 5V input,TVS protected
2	BLACK	GROUND
3	ORANGE	Data 1 (Wiegand 26) or Data (ABA Track 2)
4	BROWN	Data 0 (Wiegand) or Clock (ABA Track 2)
5	YELLOW	External LED control input with build in 560 ohm, active low DC 0-5V.

SPECIFICATION FOR LONG RANGE PROXIMITY READER

- ▶ Operating frequency : 125 KHz
- ▶ Transponder : H4001/H4002 or compatible (64 Bits)
- ▶ Typical read range : $\pm 40 \sim 70$ cm
- ▶ Interface format : ABA Track II / Wiegand / RS-232
- ▶ Audible output : Built-in buzzer
- ▶ LED : Power indicator (Red)
- ▶ : Valid access (Green)
- ▶ Power supply : DC 12V ~ 15V
- ▶ Current average : < 300mA
- ▶ Color : Black
- ▶ Operating temperature : - 20°C ~ 60°C
- ▶ Operating humidity : $\pm 0 - 95\%$ non-condensing



Long Range Proximity System Configuration

Ordering Information:

Stock Code	Description	Dimension (mm)
ZIRCON-M	Proximity Reader c/w 2 LEDs and Buzzer (Format: Magnetic Signal)	90H x 50W x 20D
ZIRCON-C	Serial Number Reading Contact-less Smart card reader c/w 2 LEDs and Buzzer (Format: Magnetic Signal)	90H x 50W x 20D
PR-600	Long Range Proximity Reader Only (Format: Magnetic Signal)	270H x 270W x 35D