

Readers Manual

Parameter Typical Value

- Operating Voltage Range 9.0 VDC~14 VDC, Suggestion 12 VDC
- Output Formats Wiegand26 International Standard
- ID Reader Support EM cards or EM compatible cards
- IC Reader Support Mifare one cards
- Maximum cable distance to Controller 100m

Standard Wire Connections

- (Blue): Beeper controll line. Low level beep (Normal high level)
- (Brown): LED control line. Low level, green Led. High level, red Led. (Normal high level)
- (Green): Data0
- (Yellow or White): Data1
- (Black): Ground
- (Red): +12VDC

Specific Parameters

Reader Type Parameters	ID Reader	IC Reader	ID Reader with keypad	IC Reader with keypad
Model	 (AT8056 ID)	 (AT8500 IC)	 (AT8059D)	 (AT8059C)
Operating Voltage Range	9.0VDC~14VDC, Suggestion 12VDC			
Supply Current	85mA	95mA	90mA	100mA
Reading Range	6~8 cm	4~6 cm	6~8 cm	4~6 cm
Frequency	125 KHz	13.56 Mhz	125 KHz	13.56 Mhz
Operating Temperature	-40°C ~+70°C			
Output Formats	Wiegand26bit, Wiegand34bit (optional)			
Card Type	EM Cards	Mifare one Cards	EM Cards	Mifare one Cards
Maximum Cable distance to Controller	100m			
Dimensions	113mm * 75mm * 16mm			

Installation hints

- 1, The Reader's cable area >=0.22 mm
- 2, The Distance between two Reader >= 30 cm
- 3, Do not recommended to use the card reader under the sun exposure outdoor
- 4, Do not recommended to use the ambient temperature exceeds 60 degrees Celsius



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