Mifare Reader (*AST-R18/R18B/R18S*)

Mifare Reader is a contactless smart card reader. The reader adopts the widely recognized Mifare technology. It provides high reliability, fast response time and low power consumption for a wide range access control system. It has built in bi-color LED and Buzzer to provide visible alert for users. The Wiegand protocol interface is compatible with all standard access control system.

Features

- Built-in Bi-Color LED PIPE
- Built-in Buzzer
- Support ISO14443 Type A Smart Card
- Up to 7cm Reading Range
- Support Wiegand, RS485 and OSDP format (Optional)
- Support Bluetooth and NFC (Optional)

Specifications

	AST-R18	AST-R18B	AST-R18S
Card Interface			
Operate Frequency	ISO 14443 Type A, 13.56MHz		
Card Type	Mifare Light, Mifare S50/S70, Mifare Plus S2K/S4K/X2K/X4K		
Read Range	Up to 7cm		
Response Time	0.1s		
Interface			
Communication	Wiegand 34 Bits with LED and Buzzer Control		RS485 Interface (19200,8,n,1) *OSDP standard (optional)
Bluetooth Interface			
Communication	N/A	2.402 GHz to 2.480 GHz,	N/A
Distance	N/A	Programmable form 10cm-50m	N/A
General			
Power	12V / 150mA		
Working Environment	-10℃ to 50℃ 10% to 90% RH		
Color	Black / White		
Dimensions	86 mm x 86mm x20mm		