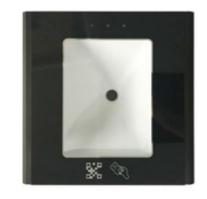# Smart Card Reader with QR Code Scanner (*AST-R17*)

AST-R17 is a contactless smart card reader with built in QR code scanner. The reader adopts the widely recognized ISO14443 smart card technology which provides high reliability, fast response time and low power consumption for a wide range access control system. Its weatherproof surface makes our device more flexible to install. At the same time, the QR code scanner allows visitors a simpler access by using their mobile devices.

It has built in bi-color LED and Buzzer to provide visible and audible alert for users.

Features

- Built in Buzzer
- Support ISO14443 Type A, B, C Smart Card Access
- Barcode and QR Code Access
- Up to 5cm Read Range

Specifications

	AST-R17
Card Interface	
Operate Frequency	ISO 14443 Type A, 13.56MHz
Card Type	Mifare Series, Mifare Plus
Scanner	1D Barcode: 39, 93, 128 and etc. 2D Barcode: QR Code, DM and etc.
Read Range	Up to 5cm
Response Time	0.2s
Interface	
Communication	Wiegand 34/128 Bits
LED Control	Yes
Buzzer Control	Yes
General	
Power	12V / 800mA
Working Environment	10℃ to 50℃; 10% to 90% RH
Color	Black
Dimensions	86mm x 86mm x 42mm