Smart Card Reader with Keypads (*AST-R12K/AST-R12KF*)

AST-R12K series is a contactless smart card reader with build in keypads.　The reader adopts the widely recognized ISO14443 smart card technology.　It provides high reliability, fast response time and low power consumption for a wide range access control system.

　　The reader provides glass frame cover to increase the durability and is easy for cleaning.　It has built in bi-color LED and Buzzer to provide visible and audio alert for users.

Features

- Support 3 x 4 Keypads with backlight
- Built in Buzzer
- Support ISO14443 Type A, B, ISO18092 Smart Card
- Up to 5cm Reading Range

Specifications

	AST-R12K	AST-R12KS	AST-R12KF	AST-R12KFS
Card Interface				
Operate Frequency	ISO 14443 Type A, 13.56MHz		ISO 14443 Type A, B, ISO18092, 13.56MHz	
Card Type	Mifare Series, Mifare Plus		Mifare, Mifare Plus, Desfire, Felica and etc	
Read Range	Up to 5cm		Up to 5cm	
Response Time	0.1s		0.2s	
Interface				
Communication	Wiegand 34 Bits / Wiegand 4 bits for keypads	RS485 Interface (19200,8,n,1)	Wiegand 34/64 Bits / Wiegand 4 bits for keypads	RS485 Interface (19200,8,n,1)
Keypads	3 x 4 Keypads with backlight			
LED Control	Yes		Yes	
Buzzer Control	Yes		Yes	
General				
Power	12V / 150mA			
Working Environment	-10℃ to 50℃ 10% to 90% RH			
Color	Glass Surface with Black or White Color			
Dimensions	86mm x 86mm x 11mm (Flush Mount) / 86mm x 86mm x 22mm (Surface Mount)			