

ROSSLARE CREDENTIAL FAMILY INNOVATION FOR APPLICATIONS



AT-R261B/G/L



AT-R271B/G/L



AT-T551B



MAIN FEATURES

- Printed ID
- High quality, durable, no wear out
- Passive cards, no battery
- Simple and easy to use
- Fits inside a wallet, purse or key ring
- Difficult to duplicate



• EN ISO 13485



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ROSSLARE
SECURITY PRODUCTS
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Description	AT-R14C/AT-T14	AT-R11C/AT-T11/AT-T13	AT-T511/AT-T512/AT-T513	AT-T910
Application / Differentiation	Clamshell 125 kHz Proximity Read-Only Card (AT-R14C) Clamshell 125 kHz Proximity Multiple Read/Write Card (AT-T14)	ISO 125 kHz Proximity Read-Only Card (AT-R11C) ISO 125 kHz Proximity Multiple Read/Write Card (AT-T11) 125 kHz Multiple Read/Write Proximity Tag (AT-T13)	Mifare® Contactless Ultralight Card (AT-T511) Mifare® Classic Contactless 1K Card (AT-T512) Mifare® Classic Contactless 4K Card (AT-T513)	UHF Proximity Read/Write Card
Type	Contactless passive			
Materials	ABS	PVC		
IC Chip	EM4102	EM4102/GK4001	MF1ICS50	EPC Class 1 Gen 2
ISO Standard	ISO/IEC 10536			ISO/IEC 18000-6C
Reading distance	20 to 60 mm (0.78 to 2.36 in.) Dependent on Reader's output power and antenna geometry. Up to 60 cm long range readers	20 to 60 mm (0.78 to 2.36 in.) Dependent on antenna geometry. Up to 60 cm long range readers	Up to 50 mm (1.96 in.) Dependent on antenna geometry	Up to 10 m (32 ft) Dependent on Reader's output power and antenna geometry
Operating Frequency	125 KHz	125 KHz	13.56 MHz	860~960 MHz
Operating Temperature	-40°C to +70°C (-40°F to 158°F)	-20°C to +50°C (-4°F to 122°F)	-20°C to +50°C (-4°F to 122°F)	-10°C to 50°C (-14°F to 122°F)
Surface Finish	Gloss / Matt			Gloss
Antenna	Copper coil			
Dimensions	85.6 x 54 x 1.84 mm 3.37 x 2.13 x 0.08 in.	85.6 x 54 x 0.76 mm 3.37 x 2.13 x 0.03 in.		36 x 60 x 0.3 mm 1.41 x 2.36 x 0.01 in.



Description	AT-R261B/G/L	AT-R271B/G/L	AT-T551B
Application / Differentiation	125 kHz Read-Only Proximity Tags		13.56MHz Read-Only Proximity Tags
Type	Contactless passive		
Materials	PVC		
IC Chip	EM4102/GK4001		MF1ICS50
ISO Standard	ISO/IEC 10536		
Reading distance	20 to 50 mm (0.78 to 1.96 in.) Dependent on antenna geometry		Up to 50 mm (1.96 in.) Dependent on antenna geometry
Operating Frequency	125 KHz		13.56 MHz
Operating Temperature	-20°C to +50°C (-4°F to 122°F)		-20°C to +50°C (-4°F to 122°F)
Surface Finish	Gloss / Matt		
Antenna	Copper coil		
Dimensions	32 x 40 x 6 mm 1.26 x 1.57 x 0.23 in.	26 x 38 x 7 mm 1.02 x 1.5 x 0.27 in.	36 x 60 x 0.3 mm 1.41 x 2.36 x 0.01 in.