



AC-2100 Biometric Terminal

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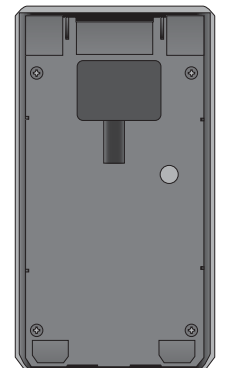
Purchase Code: AC-2100RF: 500.512 | AC-2100SC: 500.361

• Features

The AC-2100 is the ideal reader for use in biometric/RFID authentication systems, with an LCD screen and voice messages that enable easy user interface. The operating frequency of the RFID reader can be either 125 kHz (AC-2100RF) or 13.56 MHz (AC-2100SC), according to the model. Up to 100 users can use the AC-2100 simultaneously, recording up to 5000 events.

User authentication can be done by biometrics and/or an RFID card. After authentication, the reader activates a relay that releases the lock. It has an intelligent algorithm that use electrostatic capacitance technology to distinguish between real fingers and digital counterfeit material (such as paper, rubber, silicone, etc.), thereby avoiding security breaches.

• Dimensions [mm]



• Technical specifications

CPU	266 MHz 32 Bit RISC CPU	
Template capacity	100 users with 1 digital.	
Event log	5.000 registries	
Protection	IPX3	
LCD Display	128 x 64 graphics LCD	
Communications	TCP/IP, RS-485, RS-232, Wiegand In & Out	
Control lock	Interface for connecting electric lock	
Sensor type	500 dpi optical sensor	
FRR / FAR	0,1% / 0,0001%	
Power supply	12 to 24 VDC	
Temperature	-20 a 50°C	
Relative humidity	< 90% (no condensed)	
Dimensions	92,3 x 170 x 39,5 mm	
Time verification (1:1)	<1 seg	
Time ID (1:N)	<1 seg	
Compatibility	AC-2500RF	AC-2500SC
Frequency	125 kHz	13,56 MHz
Standard	EM4100	ISO14443A Mifare
Reading Range	Up to 50 mm	