



# AC-2500 Biometric Terminal

The AC-2500 is the ideal reader for use in biometric/RFID authentication systems, with an LCD screen and voice messages that enable easy user interface.

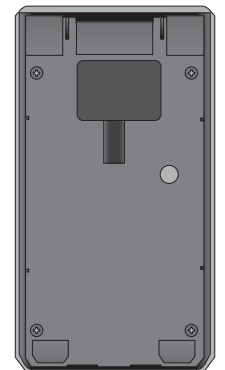
Purchase Code: AC-2500RF: 500.513 | AC-2500SC: 500.453

## • Features

The AC-2500 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-2500RF) or 13.56 MHz (AC-2500SC), according to the model. Up to 200 templates (2 templates per user) can be accessed 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 uses 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	200 templates (100 users).	
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 VDC	
Temperature	-20 a 50°C	
Relative humidity	< 90% (no condensed)	
Dimensions	92,3 x 170 x 39,5 mm	
Time verification (1:1)	<0,5 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	