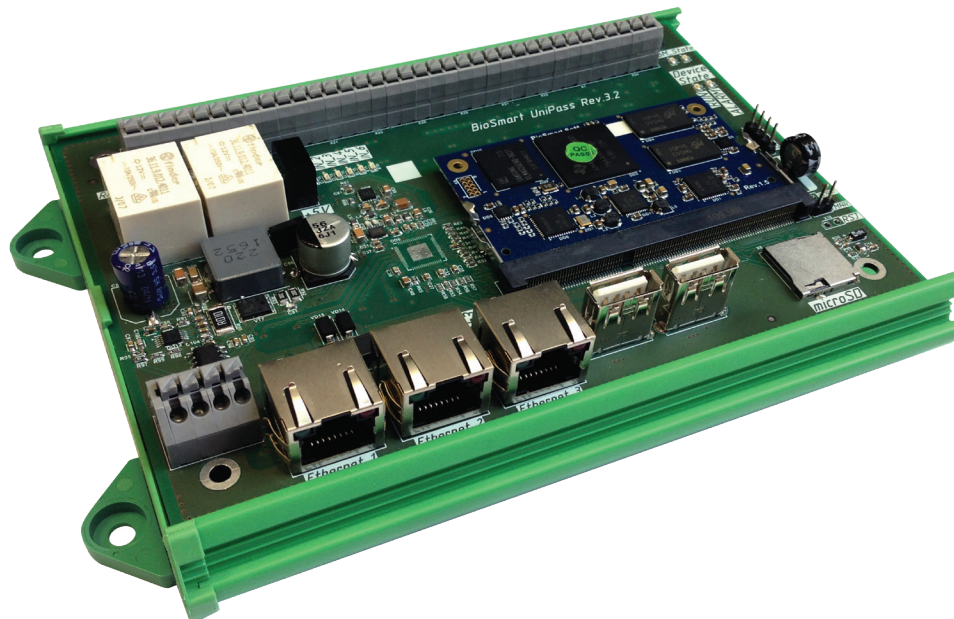


BIOSMART UNIPASS CONTROLLER



The BioSmart UniPass controller is designed to operate two PV-WM readers via USB/Ethernet connection. The controller itself connects via a network to the BioSmart Studio v5 software, and is capable of controlling two locks or a turnstile via onboard relays.

Highlights

- Capable of handling up to 300K users in card + palm or PIN + palm modes
- Simultaneous connection of two BioSmart PV-WM
- Wiegand output interface
- Capable of controlling two locks or one turnstile

Technical Specifications

Users, card + palm or PIN + palm	Up to 300 000
Users, palms*	Up to 2 000
Event log capacity	1 million
Access schedules	250
Readers	2 + 2 via RS-485
Readers supported	PV-WM
Interface to readers	USB, up to 5 m Ethernet (100BASE-T), up to 100 m
Match time (1:1000) in local mode, by palms	< 2 sec.
FAR (False Acceptance Rate)**	0,00008 %
Communication	IPEthernet (100BASE-T), USB 2.0, RS485
Wiegand I/O	Inputs and outputs, 2 x 26/32 bits
PTE button / door sensor input	6
Door strike relay	2 x 12-24 V, 7A
Tamper detection	None
Power requirements	12V±15%, 1A
PoE (Power over Ethernet)	None
Operating temperature	0 ... +50°C (+32 ... +122 °F)
Housing type	Plastic, wall mount, DIN-rail
Dimensions (H x W x D)	125 x 190 x 40 mm (4.92 x 7.48 x 1.57 in)
Weight	300 g (10.1 oz)
Regulatory approvals	CE, RoHS2
Warranty	3 years

** Calculated value: depends on quality of users' biometric data.



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