Xpass S2 is a multi-smartcard device containing advanced features of a high-end IP access control device making it versatile and powerful. It features an IP65 ingress protection rating and a wide operational temperature range (-35°C - 65°C) perfect for outdoor environments. Xpass S2 has an aesthetically pleasing ultra slim design and has been designed to mount easily on US, EU and Asian gang boxes. Device supports additional RS485 and Wiegand interfaces for flexible integration with 3rd party systems.
Xpass S2
Intelligent IP Multi-smartcard access control device

Hardware Features
- True environment adaptability
  - IP65 ingress protection certified
  - Dust and waterproof features for outdoor installations
  - Integrated temperature adaptive heater for cold environments
- Versatile interface support
  - TCP/IP, RS485, Wiegand interface
- Large device memory for enterprise access control
  - Supports up to 50,000 users and 100,000 logs
  - Supports up to 128 user groups and 64 zones
- Extensive Multi-smartcard support
  - MiFare, DESFire, ISO14443A/B, ISO15693, FeliCa, NFC
- Minimalistic Ultra slim design
  - Designed to fit standard US/EU/ASIA gang box
  - Profile that is only 11.4mm thick to create a slim aesthetic look
- Easier installation and operation
  - Simple wiring due to usage of TCP/IP based distributed systems
  - Embedded controller capabilities for locks and sub-devices using relays and Wiegand
  - Command card support for on-device user enrollment

Secure I/O
- External Relay unit for secure door control and I/O expansion
- Encrypted communication for enhanced security
  - 16MHz 8-bit microprocessor
  - 4 digital inputs and 2 relay outputs
  - Dimensions: 143 x 82 x 35 mm (W x H x D)

Specifications
- RF Card: 13.56MHz ISO14443A/B, ISO15693, MiFare, DESfire (CSN), FeliCa
- User Capacity: 50,000
- Log Capacity: 100,000
- Network Interfaces: TCP/IP, RS485
- Wiegand: In or Out (Switchable)
- TTL I/O: 2 x Input
- Relay: 1 x Output
- CPU: 32-bit Microprocessor (533MHz)
- Memory: 16MB Flash + 16MB SDRAM
- Indicator: Multi-color LED
- Sound: Multi-tone Buzzer
- Ingress Protection: IP65
- Operating Temperature: -35°C to 65°C
- Tamper: Optical Tamper
- Operating Voltage: 12V DC (Max. 300mA)
- Dimensions (mm): 80(W) x 120(H) x 11.4(D)
- Certificates: CE, FCC, MSIP (KCC), IP65, RoHS, REACH, WEEE

System Configurations

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