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Xpass S2

Intelligent IP Access Control Reader

| **Xpass S2** | Xpass S2 is a multi-smartcard reader containing the advanced features of a high-end IP access control unit making it versatile and powerful. It features an IP65 ingress protection rating and a wide operational temperate range (-35℃ ~ 65℃) for outdoor environments. Xpass S2 has an aesthetically pleasing ultra slim design and has been designed to be easily mounted on US, EU and Asian gang boxes. its additional RS485 and Wiegand interfaces allows for flexible integration with 3rd party systems.

CE FC KC RoHS Compliant REACH CERTIFIED IP65

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Xpass S2
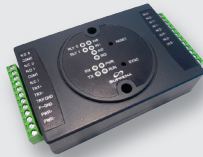## Intelligent IP Access Control Reader

Hardware Features

- **Multi smartcard reading**
  - 13.56MHz ISO14443A/B, ISO15693, Mifare, Desfire(CSN), Felica
- **Ultra slim design**
  - Sized to fit gangbox(switchbox) for easier installation
  - 11.4mm super slim and aesthetic design
- **Versatile interfaces**
  - TCP/IP, RS485 and Wiegand
- **Enterprise-level access control system**
  - Supports up to 50,000 users and 100,000 logs
  - Supports up to 128 user groups and 64 zones
- **IP65 certified ingress protection**
  - Rugged dust & waterproof structure for outdoor installation
  - Operates between -35℃ ~ 65℃
- **Easier installation and operation**
  - Simple wiring by featuring IP based distributed system
  - Trusted optical tamper sensor for secure protection
  - Command cards for on-device user edit (add/delete)
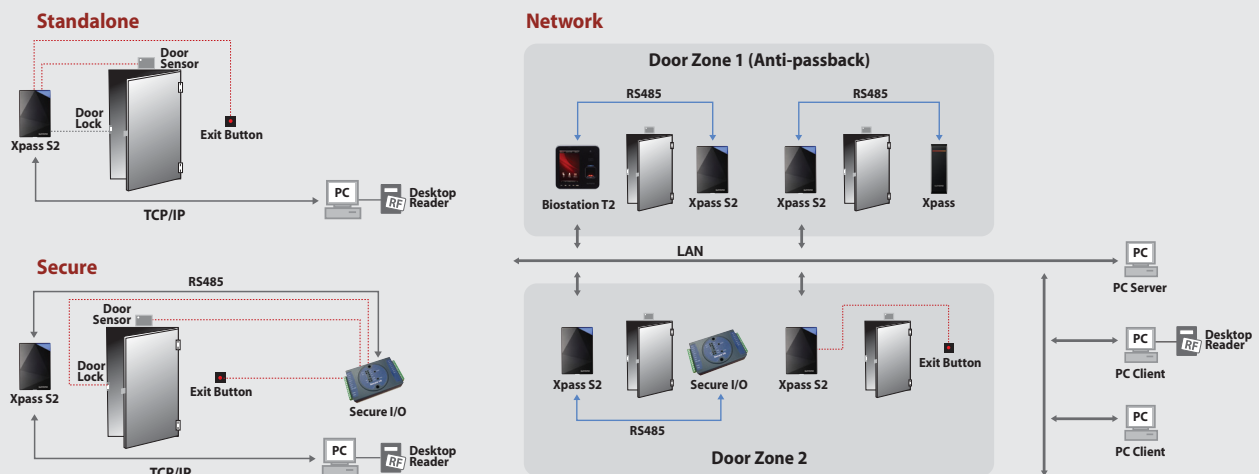
Secure I/O

- **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
  - ＊ Dimension :
     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℃ ~ 65℃
Tamper	Optical Tamper
Operating Voltage	12VDC (Max. 300mA)
Dimensions (mm)	80(W) x 120(H) x 11.4(D)
Certificates	CE, FCC, MSIP (KCC), IP65, RoHS, REACH, WEEE

System Configurations

Standalone / **Secure** / **Network** (Door Zone 1 (Anti-passback), Door Zone 2)