

suprema Xpass Series

Smart IP Access Reader



| Xpass Series | Progressive Technology, Exceptional Value. The Xpass series provides all the leading-edge features of high-end IP access control products packed into an ultra compact design. These sleek devices are encased in an IP65 waterproof structure making them ideal for outdoor or indoor installations. The Xpass offers PoE (Power over Ethernet) capabilities for easier installation and the Xpass S2, designed to fit gang boxes, takes the series to the next level by incorporating multi-smartcard reading technology.



POE



IP65



TCP/IP



RF CARD



suprema Xpass Series

Smart IP Access Reader



Features

- Multi smartcard reading (**S2 only**)
 - 13.56MHz ISO14443A/B, ISO15693, Mifare(CSN), Inside(CSN), Felica(CSN)
- Sleek & aesthetic design
 - Slim & sleek size for narrow door frames
 - **Xpass**: Multi-colour LED & buzzer for indication
 - **S2**: Multi-colour LED & 16-bit Hi-Fi Sound
 - **S2**: Sized to fit a gangbox (switchbox) for easier installation
 - **S2**: 11,4mm super slim and aesthetic design
- Versatile interfaces
 - TCP/IP, RS485, Wiegand interface
- Power over Ethernet (PoE) (**Xpass only**)
 - Communication and power over a simple CAT5 or 6 cable/supplies up to 600mA of 12Vdc to locking devices
- Enterprise-level access control system
 - Supports up to 40,000 (**Xpass**) 50,000 (**S2**) users
 - 50,000 logs (**Xpass**) | 100,000 (**S2**)
 - Supports up to 128 user groups and 64 zones
- IP65 certified ingress protection
 - Rugged dust & waterproof structure for outdoor installation
 - **Xpass**: operates between -20°C ~ 50°C
 - **S2**: Adaptive temperature control: -35°C to 65°C
- Easier installation and operation
 - Simple wiring by featuring IP based distributed system
 - Controls locks and sub-devices with relays and Wiegand
 - Command cards for on-device user edit (add/delete)

Secure I/O

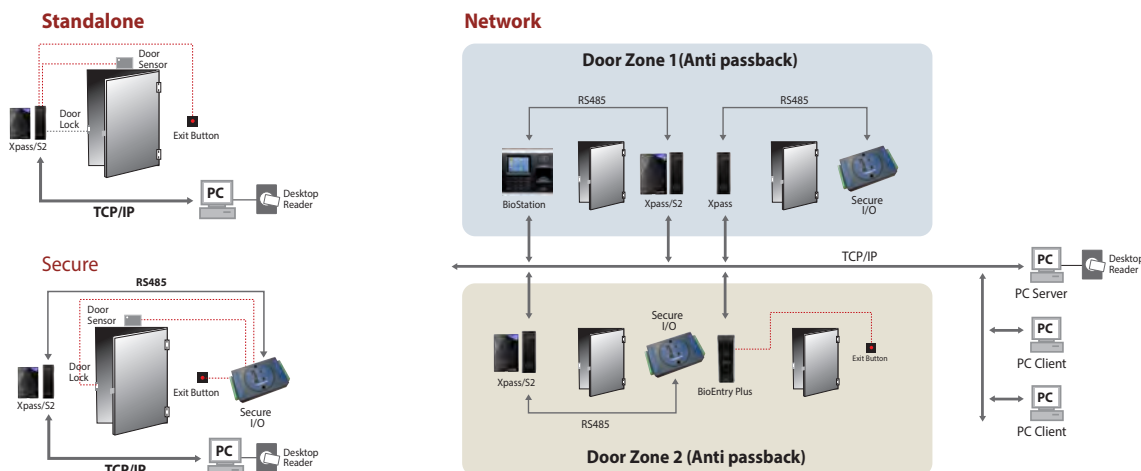
- Accessory unit for secure door control and I/O expansion
- Encrypted communication for enhanced security
- 16MHz 8bit microprocessor
- 4 digital inputs and 2 relay outputs
- Size : 143 x 82 x 35 mm (W x H x D)



Hardware Specifications

CPU	Xpass : 400MHz DSP S2 : 32bit 533MHz DSP	
Memory	Xpass : 8MB Flash + 16MB SDRAM S2 : 16MB Flash + 16MB RAM	
RF Card	Xpass : 13.56MHz Mifare (XPM) 125KHz EM Prox (XPE) 125KHz HID Prox (XPH)	S2 (multicard reading) : 13.56MHz ISO14443A/B, ISO15693 Mifare(CSN), Inside(CSN), Felica(CSN)
User Capacity	Xpass : 40,000 users S2 : 50,000 users	
Log Capacity	Xpass : 50,000 S2 : 100,000 log records	
Network Interfaces	TCP/IP, RS485	
Wiegand Interface	1ch In or Out	
I/O	2 x TTL inputs, 1 x relay (output), 1 x tamper	
Indicator	Multi-colour LED	
Sound	Xpass : Multi-tone buzzer S2 : 16-bit Hi-Fi Sound	
Ingress Protection	IP65	
Operating Temp.	Xpass : -20°C ~ 50°C S2 : -35°C to 65°C	
Power	12V DC, POE (Xpass only)	
Size (W x H x D)	Xpass : 45 x 130 x 27mm S2 : 80 x 120 x 11,4mm	
Certificates	CE, FCC, MSIP (KCC), IP65, RoHS, REACH	

System Configuration



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