

XPass 2

Outdoor Compact RFID Device



XPass 2 is an outdoor compact RFID reader based on Suprema's state-of-the-art RFID technology and multi-hardware platform. With the multi-form factor technology, mullion-type, gangbox-type, and gangbox keypad-type are all supported which provides perfect installation in various environments. XPass 2 also supports dual-frequency (125kHz / 13.56MHz) RFID technology and can read the mobile cards using NFC and BLE, the latest mobile communication technologies. Packed in a rugged IP65/IP67 rated dust & waterproof performance as well as IK08 rated vandal-proof structure, suitable for tough environment and outdoor installation.

Features



Mobile card (NFC and BLE)



IP67 - Water and Dust Resistant



Industry standard communication via OSDP



IK08 - Vandal Resistant



Multi-type hardware structure



Multi-card Reading



Enhanced security with the Secure Element



Power over Ethernet

Product Specification



Model Name	XP2-MDPB	XP2-GDPB	XP2-GKDPB
125kHz card compatibility	EM	EM	EM
13.56MHz card compatibility	MIFARE, MIFARE Plus, DESFire/EV1, FeliCa	MIFARE, MIFARE Plus, DESFire/EV1, FeliCa	MIFARE, MIFARE Plus, DESFire/EV1, FeliCa
CPU	1.0GHz	1.0GHz	1.0GHz
Memory	4GB Flash + 64MB SDRAM	4GB Flash + 64MB SDRAM	4GB Flash + 64MB SDRAM
Max. Users	200,000	200,000	200,000
Max. Text Logs	1,000,000	1,000,000	1,000,000
Mobile card	NFC, BLE	NFC, BLE	NFC, BLE
IP rating	IP65, IP67	IP65, IP67	IP65, IP67
IK rating	IK08	IK08	IK08
Installation type	Mullion	Gangbox	Gangbox
Keypad	-	-	-
Ethernet	Supported (10/100 Mbps, auto MDI/MDI-X)	Supported (10/100 Mbps, auto MDI/MDI-X)	Supported (10/100 Mbps, auto MDI/MDI-X)
RS-485	1ch Master or Slave	1ch Master or Slave	1ch Master or Slave
Wiegand	1ch In or Out	1ch In or Out	1ch In or Out
TTL	2ch Input	2ch Input	2ch Input
Relay	1 Relay	1 Relay	1 Relay
PoE	Supported (IEEE 802.3af compliant)	Supported (IEEE 802.3af compliant)	Supported (IEEE 802.3af compliant)
Sound	Multi-tone buzzer	Multi-tone buzzer	Multi-tone buzzer
Operating Temperature	-35 °C ~ 65 °C	-35 °C ~ 65 °C	-35 °C ~ 65 °C
Operating Humidity	0% ~ 95%, non-condensing	0% ~ 95%, non-condensing	0% ~ 95%, non-condensing
Power	DC 12V or DC 24V	DC 12V or DC 24V	DC 12V or DC 24V
Dimensions (WxHxD, mm)	48 x 145 x 27	80 x 130 x 25	80 x 130 x 25
Certificates	CE, FCC, KC, RoHS, REACH, WEEE, SIG	CE, FCC, KC, RoHS, REACH, WEEE, SIG	CE, FCC, KC, RoHS, REACH, WEEE, SIG