XPass D2

Outdoor Compact RFID Reader

XPass D2 is an outdoor compact RFID reader based on Suprema's state-of-the-art RFID technology and multi-hardware platform, optimized for centralized access control systems such as Suprema's CoreStation. Using multi-form factor technology, mullion-type, gangbox-type and gangbox keypad-type are all supported. With dual-frequency (125kHz / 13.56MHz) RFID technology, XPass D2 also supports 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	IP67 - Water and Dust Resistant
OSDP	Industry standard communication via OSDP	🔨	IK08 - Vandal Resistant
🛠	Multi-type hardware structure	🪪	Multi-card Reading
🛡	Enhanced security with the Secure Element	★ BioStar 2	Issue the smart card by using BioStar 2

Product Specification

Model Name	XPD2-MDB	XPD2-GDB	XPD2-GKDB
125kHz card compatibility	EM	EM	EM
13.56MHz card compatibility	MIFARE, MIFARE Plus, DESFire EV1/EV2*, FeliCa	MIFARE, MIFARE Plus, DESFire EV1/EV2*, FeliCa	MIFARE, MIFARE Plus, DESFire EV1/EV2*, FeliCa
Mobile card	NFC, BLE	NFC, BLE	NFC, BLE
IP rating	IP67	IP67	IP67
IK rating	IK08	IK08	IK08
Installation type	Mullion	Gangbox	Gangbox
Keypad	-	-	Supported (3x4)
RS-485	1ch (OSDP compatible)	1ch (OSDP compatible)	1ch (OSDP compatible)
Wiegand	1ch output	1ch output	1ch output
TTL	1 tamper output, 3ch LED, buzzer control	1 tamper output, 3ch LED, buzzer control	1 tamper output, 3ch LED, buzzer control
Sound	Multi-tone buzzer	Multi-tone buzzer	Multi-tone buzzer
Operating Temperature	-35℃ ~ 65℃	-35℃ ~ 65℃	-35℃ ~ 65℃
Operating Humidity	0% ~ 95%, non-condensing	0% ~ 95%, non-condensing	0% ~ 95%, non-condensing
Power	DC 12V	DC 12V	DC 12V
Dimensions (WxHxD, mm)	48 x 144.7 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

* DESFire EV2 cards are supported by having backward compatibility of DESFire EV1 cards. CSN and smart card functions are compatible with XPass D2.