XPass D2

Outdoor Compact RFID Reader

XPD2-MDB

XPD2-GKDB

XPD2-GDB

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 (125 kHz/13.56 MHz) 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.

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Features

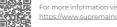|	
Mobile card (NFC and BLE)	IP67 - Water and Dust Resistant
Industry standard communication via Open Supervised Device Protocol (OSDP) OSDP verified by SIA (Security Industry Association)	IK08 - Vandal Resistant
Multi-type hardware structure	Multi-card Reading
Enhanced security with the Secure Element	Issue the smart card by using BioStar 2
Keypad backlight for use in the dark	Homing bump on keypad for the visually impaired

Product Specification

Model Name	XPD2-MDB	XPD2-GDB	XPD2-GKDB
RF Option	125kHz EM & 13.56MHz MIFARE, MIFARE Plus, DESFire, DESFire EV1/EV2/EV3[1], FeliCa	125kHz EM & 13.56MHz MIFARE, MIFARE Plus, DESFire, DESFire EV1/EV2/EV3[1], FeliCa	125kHz EM & 13.56MHz MIFARE, MIFARE Plus, DESFire, DESFire EV1/EV2/EV3[1], FeliCa
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	-	-	Supported (3 x 4)
RS-485	1 ch	1 ch	1 ch
RS-485 Communication Protocol	OSDP V2 Compliant	OSDP V2 Compliant	OSDP V2 Compliant
Wiegand	1 ch	1 ch	1 ch
TTL	1 tamper output, 3 ch LED, buzzer control	1 tamper output, 3 ch LED, buzzer control	1 tamper output, 3 ch LED, buzzer control
Sound	Multi-tone buzzer	Multi-tone buzzer	Multi-tone buzzer
Operating Temperature	-35℃–65℃ (-31°F ~ 149°F)	-35℃–65℃ (-31°F ~ 149°F)	-35℃–65℃ (-31°F ~ 149°F)
Operating Humidity	0%–95%, non-condensing	0%–95%, non-condensing	0%–95%, non-condensing
Power	Voltage: 12 Vdc Current: Max. 0.3 A	Voltage: 12 Vdc Current: Max. 0.3 A	Voltage: 12 Vdc Current: Max. 0.3 A
Dimensions (WxHxD, mm)	48 x 144.7 x 27	80 x 130 x 25	80 x 130 x 25
Certificates	CE, UKCA, KC, FCC, IC, RCM BIS, SIG, RoHS, REACH,WEEE ETL Listed to UL 294	CE, UKCA, KC, FCC, IC, RCM BIS, SIG, RoHS, REACH,WEEE ETL Listed to UL 294	CE, UKCA, KC, FCC, IC, RCM BIS, SIG, RoHS, REACH,WEEE ETL Listed to UL 294

[1] DESFire EV2/EV3 cards are supported by having backward compatibility of DESFire EV1 cards. CSN and smart card functions are compatible with XPass D2.

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