bitama

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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SECURITY & BIOMETRICS

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

	XPD2-MDB	XPD2-GDB	XPD2-GKDB
Model Name	XPD2-MDB	XPD2-GDB	XPD2-GKDB
125 kHz card compatibility	EM	EM	EM
13.56 MHz card compatibility	MIFARE, MIFARE Plus, DESFire EV1/EV2[1], FeliCa	MIFARE, MIFARE Plus, DESFire EV1/EV2[1], FeliCa	MIFARE, MIFARE Plus, DESFire EV1/EV2[1], FeliCa
Mobile card[2]	NFC, BLE	NFC, BLE	NFC, BLE
IP rating	IP67	IP67	IP67
IK rating	IK08	IK08	IK08
Installation type	Mullion	Gangbox	Gangbox
Keypad	-	-	Supported (3 x 4)
RS-485	1 ch (OSDP compatible)	1 ch (OSDP compatible)	1 ch (OSDP compatible)
Wiegand	1 ch output	1 ch output	1 ch output
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℃	-35℃–65℃	-35℃–65℃
Operating Humidity	0%–95%, non-condensing	0%–95%, non-condensing	0%–95%, non-condensing
Power	DC 12 V	DC 12 V	DC 12 V
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, OSDP verified	CE, FCC, KC, RoHS, REACH, WEEE, SIG, OSDP verified	CE, FCC, KC, RoHS, REACH, WEEE, SIG, OSDP verified

[1] DESFire EV2 cards are supported by having backward compatibility of DESFire EV1 cards. CSN and smart card functions are compatible with XPass D2.
[2] Suprema Mobile Access is supported on XPass D2 - V02A H/W versions only.