



# 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 (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.

## 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
125 kHz card compatibility	EM	EM	EM
13.56 MHz card compatibility	MIFARE, MIFARE Plus, DESFire EV1/EV2 <sup>1)</sup> , FeliCa	MIFARE, MIFARE Plus, DESFire EV1/EV2 <sup>1)</sup> , FeliCa	MIFARE, MIFARE Plus, DESFire EV1/EV2 <sup>1)</sup> , FeliCa
Mobile card <sup>2)</sup>	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°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 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

<sup>1)</sup> DESFire EV2 cards are supported by having backward compatibility of DESFire EV1 cards. CSN and smart card functions are compatible with XPass D2.

<sup>2)</sup> Suprema Mobile Access is supported on XPass D2 - V02A H/W versions only.



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