



<h2>D series</h2> <p>Access Control Readers Biometrics</p>	MODEL	D7	D7K
			
	MOUNTING	WALL PLATE PROVIDED	WALL PLATE PROVIDED
	DIMENSIONS	79x128x18mm (3.1x5.0x0.7")	79x148x18mm (3.1x5.8x0.7")

The D Series incorporates our access control card reader with keypad and fingerprint reader technologies. The hardware has an environmental rating of IP65 and is suitable for outdoor use. The enclosure is mounted in a semi-recessed fashion, providing a low profile biometric solution. The series is compatible with a range of contactless card technologies including Mifare and DESFire EV1. The electronics are fully encapsulated providing superior ingress protection and durability. Output data format is Wiegand or RS485 encrypted (model dependant).

CREDENTIAL	MIFARE	DESFIRE EV1
CARD TYPE	MIFARE type A : ISO14443	DESFIRE EV1 : ISO14443
READ RANGE	TYPICAL : 5cm	TYPICAL : 4cm
KEYPAD (D7K)	3X4 WITH BACKLIGHT VARIOUS OUTPUTS AVAILABLE	
FINGERPRINT SENSOR	SAFRAN MORPHO OPTICAL FINGER SCANNER	
TRANSMIT FREQUENCY	13.56MHz	
OUTPUT PROTOCOL	WIEGAND : 26 BIT AS STANDARD OR CUSTOMER SPECIFIED FORMAT RS485 ENCRYPTED (AES-128BIT) COMMUNICATIONS	
VOLTAGE SUPPLY	+9VDC TO +24VDC	
CURRENT	320mA (ACTIVE AT 12VDC)	
STATUS LED	BI-COLOUR LED : RED / GREEN	
AUDIBLE TONE	BUZZER	
CABLE DISTANCE	WIEGAND : 150m (500ft) : 22 AWG WIRE RS485 : 1000m (3200ft) : 22 AWG WIRE	
OPERATING TEMPERATURE	-10degC TO +55degC	
RELATIVE HUMIDITY	90% MAX : OPERATIONAL NON-CONDENSING	
ENCLOSURE MATERIAL	ALUMINIUM SHROUD : HIGH IMPACT POLYCARBONATE	
COLOUR	SILVER / CHARCOAL	
IP RATING	IP 65	
CERTIFICATIONS	FCC : CE : C-TICK	
WARRANTY	1 YEAR	
PART NUMBERS	D7-M MIFARE READER FINGERPRINT SCANNER  D7K-M MIFARE READER FINGERPRINT SCANNER KEYPAD	D7-EV1 DESFIRE EV1 READER FINGERPRINT SCANNER  D7K-EV1 DESFIRE EV1 READER FINGERPRINT SCANNER KEYPAD

INS-SPEC-D7X-C

## CONTACT

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Technology  
Partners



INS Global hardware is built with genuine NXP and Safran Morpho components.

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE