




<h2>D series</h2> <p>Access Control Readers Biometric , Keypads</p>	MODEL	D7	D7K	D6K
				
	MOUNTING	WALL PLATE PROVIDED	WALL PLATE PROVIDED	WALL PLATE PROVIDED
DIMENSIONS	79x128x18mm (3.1x5.0x0.7")	79x148x18mm (3.1x5.8x0.7")	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 for the biometrics and IP67 for the keypad and is suitable for outdoor use. For the biometric models, 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).

MODEL	D7	D7K	D6K
CARD TYPE	MIFARE CLASSIC, MIFARE PLUS, MIFARE DESFIRE EV1		
READ RANGE	TYPICAL : 5cm (MIFARE), 4cm (DESFIRE)		
KEYPAD	NO	3X4 WITH BACKLIGHT VARIOUS OUTPUTS AVAILABLE	
FINGERPRINT SENSOR	SAFRAN MORPHO OPTICAL FINGER SCANNER		NO
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		IP 67
CERTIFICATIONS	FCC : CE : C-TICK		
WARRANTY	1 YEAR		3 YEARS
PART NUMBERS	D7-M MIFARE READER FINGERPRINT SCANNER  D7-EV1 MIFARE DESFIRE EV1 READER FINGERPRINT SCANNER	D7K-M MIFARE READER FINGERPRINT SCANNER KEYPAD  D7K-EV1 MIFARE DESFIRE EV1 READER FINGERPRINT SCANNER KEYPAD	D6K-M MIFARE READER KEYPAD  D6K-EV1 MIFARE DESFIRE EV1 READER KEYPAD

INS-SPEC-DX-D

## CONTACT

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Technology  
Partners



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

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