



<h2>F series</h2> <p>Access Control Readers Flush Mount</p>	MODEL	F1	F2
			
	MOUNTING	UK / ASIAN GANGBOX	US OR AUST GANGBOX
	DIMENSIONS	90x90x3mm (3.5x3.5x0.1")	115x75x3mm (4.5x3.0x0.1")

The 'F' series of proximity card readers are flush mounted, featuring a highly aesthetic toughened glass fascia. They mount to standard wall mounting boxes. The series is compatible with a range of contactless card technologies including Mifare, DESFire EV1 and 125kHz technologies. Multi-technology reader configurations are available for sites transitioning between credential technologies. 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	125kHz	DUAL
CARD TYPE	MIFARE type A : ISO14443	DESFIRE EV1 : ISO14443	125kHz PROX	MIFARE type A and 125kHz
READ RANGE	TYPICAL : 5cm	TYPICAL : 4cm	TYPICAL : 8cm	TYPICAL : 5cm
TRANSMIT FREQUENCY	13.56MHz	13.56MHz	125kHz	13.56MHz : 125kHz
OUTPUT PROTOCOL	WIEGAND : 26 BIT AS STANDARD OR CUSTOMER SPECIFIED FORMAT RS485 ENCRYPTED (AES-128BIT) COMMUNICATIONS		WIEGAND : 26 BIT AS STANDARD OR CUSTOMER SPECIFIED FORMAT	
VOLTAGE SUPPLY	+12VDC			
CURRENT	110mA			
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 +65degC			
RELATIVE HUMIDITY	90% MAX : OPERATIONAL NON-CONDENSING			
ENCLOSURE MATERIAL	TOUGHENED GLASS FASCIA : HIGH IMPACT POLYCARBONATE			
COLOUR	CHARCOAL OR IVORY			
IP RATING	IP 66			
CERTIFICATIONS	FCC : CE : C-TICK			
WARRANTY	3 YEARS			
PART NUMBERS	F1-M-C CHARCOAL COLOUR F1-M-I IVORY COLOUR	F1-EV1-C CHARCOAL COLOUR F1-EV1-I IVORY COLOUR	F1-P-C CHARCOAL COLOUR F1-P-I IVORY COLOUR	F1-D-C CHARCOAL COLOUR F1-D-I IVORY COLOUR
	F2-M-C CHARCOAL COLOUR F2-M-I IVORY COLOUR	F2-EV1-C CHARCOAL COLOUR F2-EV1-I IVORY COLOUR	F2-P-C CHARCOAL COLOUR F2-P-I IVORY COLOUR	F2-D-C CHARCOAL COLOUR F2-D-I IVORY COLOUR

CONTACT

INS GLOBAL PTY LTD
SUITE 8, 166A THE ENTRANCE RD
ERINA, NSW 2250
AUSTRALIA

INFO@INSGLOBAL.COM

WWW.INSGLOBAL.COM

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

INS-SPEC-F-B