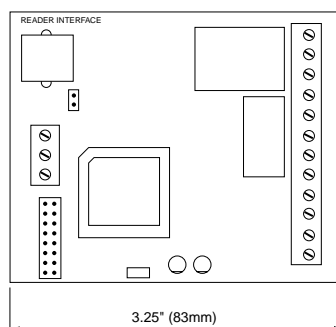


The PointGuard Door Interface (DIF) provides the data inputs and control relays to manage a single door or portal when networked to the PointGuard System Processor (PSP) and PointGuard software. The DIF can accept any popular reader technology.

Door Interfaces communicate with the PSP over a high-speed RS-485 multi-drop communication bus that may be extended to 4000'. Many events generated by the DIF can be linked to local or remote system relay outputs through the PointGuard System Processor.



## KPGADIF



## FEATURES

### Reader technologies:

- Magnetic strip, Wiegand, Proximity, Biometric, Barium Ferrite, Bar Code
- Supports Card/PIN readers from Ultrak, Motorola and HID
- RS-485 communication interface
- Onboard 12V dc reader power
- Request to exit and door status inputs
- Lock and auxiliary relay outputs
- Local door control intelligence
- Programmable event linking (through PSP)
- 2-year limited warranty



# KPGADIF

## TECHNICAL SPECIFICATIONS

### ELECTRICAL

Voltage	12V dc $\pm$ 15% (10.2 to 13.6V dc)
Current	125mA max. (plus reader current)
Relay Contacts	2 form C relays; lock, 5A @ 30V dc auxiliary, 1A @ 30V dc
Monitor Inputs	2; 1 each for request to exit and door status
RS-485 Communications	1 twisted pair, 24 AWG, 4000' (1219m) max., (Belden 9541)
L.E.D. Output	TTL compatible, high > 3V, low < .5V, 5mA sink max.
Buzzer Output	Open collector, 5V dc open circuit max.
Reader Data Inputs	Magnetic stripe (TTL clock/data) Wiegand (data 1/data 0)
Reader Power	12V dc, 50mA max.

### MECHANICAL

Dimension	3.25W x 2.9H x 1.4D in. (83W x 74H x 36D mm)
Weight	4 oz (120g) nominal

### GENERAL

Operating Temp.	-40°F - 167°F (-40°C - 75°C)
Humidity	10% - 95% (non-condensing)

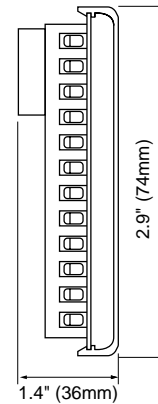
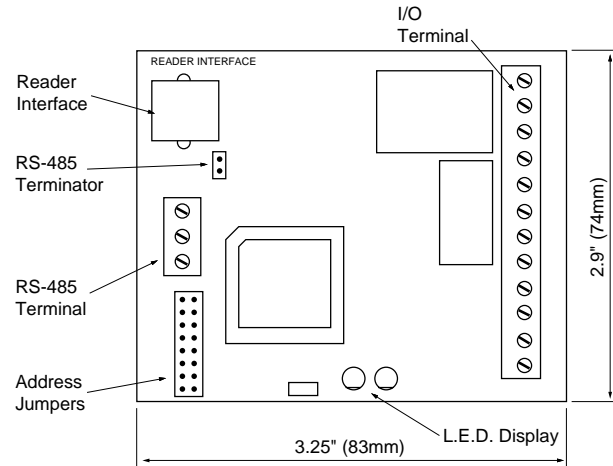
PRECONFIGURED SYSTEM COMPONENTS	
PART #	DESCRIPTION
KPGSE	PointGuard enclosure with power supply
KPGS1	KPGSE with PSP and 2 KPGADIFs
KPGS2	KPGSE with 2 KPGADIFs
KPGS3	KPGSE with 4 KPGADIFs
KPGS4	KPGSE with alarm input controller AIC
KPGS5	KPGSE with relay output controller ROC

ADD-ON COMPONENTS	
PART #	DESCRIPTION
PRGREVXXX	PointGuard System software license
KPGADIF	PointGuard door interface
KPGACRN1	PointGuard magnetic stripe card reader
KPGACRK1	PointGuard magnetic stripe card reader w/keypad
MR-ASR 603	ASP SecureProx I
MR-ASR 605	ASP SecureProx II
MR-ASK 501	PinProx™ proximity reader with integrated keypad
KPGAMRC1	Magnetic stripe card (pack of 50)
MR-ASC121T	Proximity™ card (pack of 100)

Design and specifications subject to change without notice.

### KPGADIF



Conversion: 1" = 25.4mm  
Measurement conversions are approximate

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