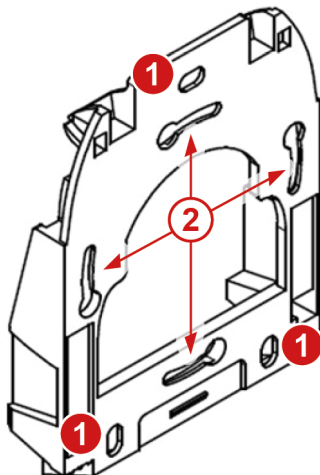


## Specifications

Readers	Architect One RFID Mullion Reader	Architect One Blue RFID & Bluetooth Mullion Reader	Architect A - RFID Standard Reader	Architect A Blue - RFID & Bluetooth Standard Reader
Max. Read Range	60 mm / 2.36 in.	60 mm / 2.36 in. for PAC HF ID Devices or 20m / 65 ft for Mobile IDs	80 mm / 3.15 in.	80 mm / 3.15 in. for PAC HF ID Devices or 20m / 65 ft for Mobile IDs
Power	9–15V DC 130mA @ 12V DC	9–15V DC 150mA @ 12V DC	7–28V DC 130mA @ 12V DC	7–28V DC 150mA @ 12V DC
Dimensions	42 (w) x 112 (h) x 22 (d) mm / 1.65 (w) x 4.41 (h) x 0.87 (d) in.		80 (w) x 107 (h) x 26 (d) mm / 3.15 (w) x 4.21 (h) x 1.02 (d) in.	
Recommended Cabling	PAC output 6-core 24 AWG alarm cable (unscreened)			
Standards Compliance	CE, UL, FCC, IL compliant, IK10 Vandal Resistance			
Environment	IP65 – Indoor / Outdoor weather resistant			

## Mounting



### Installation Precautions

- Readers installed on a metal surface may have reduced performances.
- Use a ferrite (two-way) for the cable (power supply and data).  
E.g. WURTH ELEKTRONIK ref. 74271222.

Recommended distance between two readers installed close together:

Either side of same wall (back-to-back)	30 cm / 11.8 in. (off set from each other)
On the same wall	40 cm / 15.8 in.
At 90° to each other	25 cm / 9.8 in.

1. Wall mounting holes × 3
2. Backbox mounting holes × 4

## Compliance

Hereby, Comelit-PAC Limited declares that the radio equipment type residential, commercial or light industry door entry product is in compliance with Directive 2014/53/EU and RoHs 2011/65/EU. The full text of the EU declaration of conformity is available at the following internet address: <https://pacgdx.com/compliance-declarations>



Do not discard this product along with other household waste. It must be collected and treated separately.

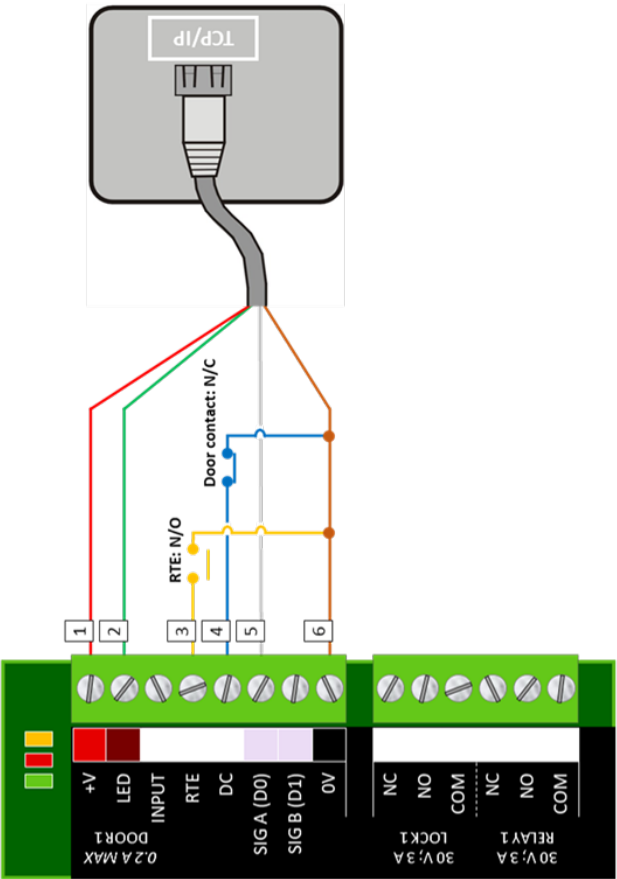
This device complies with Part 15 of the FCC rules and with ISSED's license-exempt RSSs. Operation is subject to the following two conditions: (1) This device may not cause harmful interference; (2) This device must accept any interference received, including interference that may cause undesired operation.

**Note:** The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user's authority to operate the equipment. This device complies with the safety requirements for RF exposure in accordance with RSS-102 issue 5 for conditions of use.

PAC 512 Wiring Diagram

Architect One Reader:  
CAT5e cable

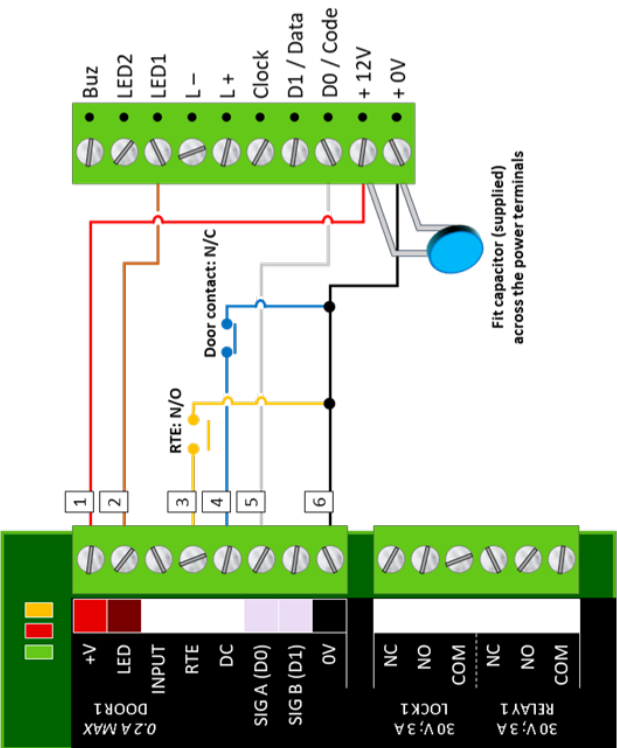
PAC 512 Door Controller  
(only 1 door channel shown)



PAC 512 Pinout		PAC 512 Wire colour
1	+V	RED
2	LED	GREEN
3	RTE: N/O	YELLOW
4	Door Contact: N/C	BLUE
5	SIG A (D0)	GREY
6	0V	BROWN

Architect A Reader:  
Screw Terminal Output

PAC 512 Door Controller  
(only 1 door channel shown)



STid J4 Pinout		PAC 512 Pinout		PAC 512 Wire colour	
+ 12V		1	+V	RED	
LED 1		2	LED	BROWN	
+ 0V		3	RTE: N/O	YELLOW	
+ 0V		4	Door Contact: N/C	BLUE	
D0 /Data		5	SIG A (D0)	WHITE	
+ 0V		6	0V	BLACK	
Buzzer		Not used			
LED 2					
L -					
L +					
Clock					
D1 / Data					

Not used