

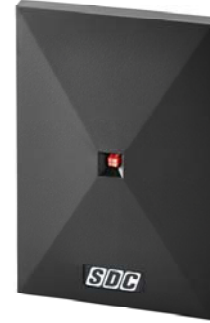


INSTALLATION INSTRUCTIONS

IPRW300 & 500 Proximity Reader

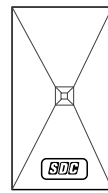
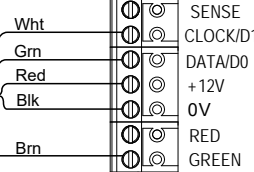


SDC P/N : IPRW300



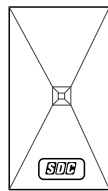
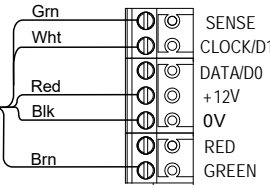
SDC P/N : IPRW500

IPRW300/500 Wiring - ENTRY READER TO IPPRO	
Wire Color	Terminal
White	CLOCK (Data 1)
Green	DATA (Data 0)
Red	+12V
Black	0V
Orange	NOT USED
Brown	GREEN
Blue	NOT USED (Beeper)
Violet	NOT USED (Low Power Mode)
Yellow	NOT USED (Card Present)

Entry
ReaderReader
Terminal

IP Pro™ Single Door Controller
Or Remote Door Station
SDC P/N : IPDCE or IPDSE

IPRW300/500 Wiring - EXIT READER TO IPPRO	
Wire Color	Terminal
White	CLOCK (Data 1)
Green	SENSE
Red	+12V
Black	0V
Orange	NOT USED
Brown	GREEN
Blue	NOT USED (Beeper)
Violet	NOT USED (Low Power Mode)
Yellow	NOT USED (Card Present)

Exit
Reader
(Optional)Reader
Terminal

IP Pro™ Single Door Controller
Or Remote Door Station
SDC P/N : IPDCE or IPDSE

IPRW300/500 Wiring To 3rd Party Access Control System	
Wire Color	Wire Designation
White	DATA 1
Green	DATA 0
Red	+12V
Black	0V
Brown	GREEN LED (Single LED Control)
Orange	RED LED (Dual LED Control only)
Blue	NOT USED (Beeper)
Violet	NOT USED (Low Power Mode)
Yellow	NOT USED (Card Present)

IPRW300/500 Specifications:

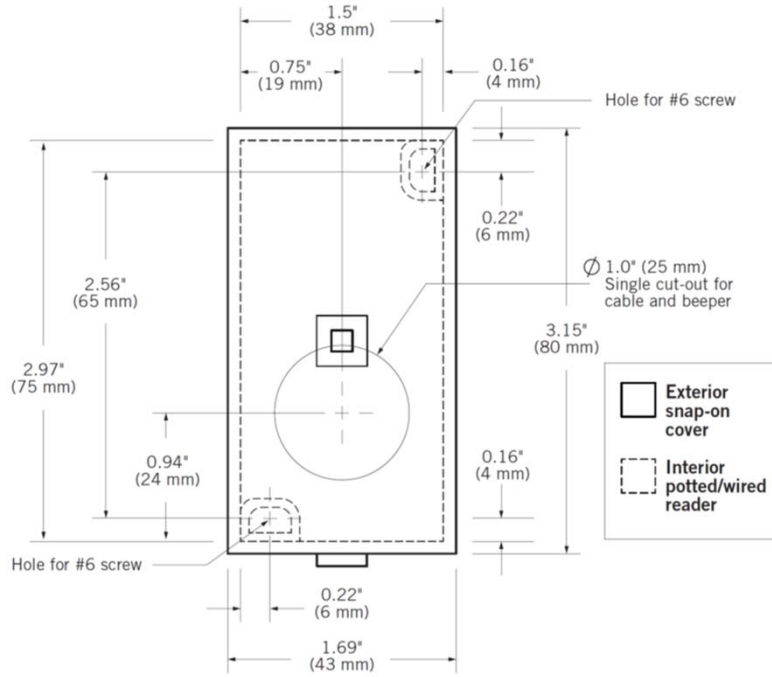
Operating Voltage: +5 - 16 Volts DC (12VDC recommended)
Current Consumption: 30 mA typ., 75 mA peak @ 12 VDC
Operating Temperature: -40° F to 149° F (-40° C to +65° C)
Dimensions (H x W x D): 3.2" x 1.7" x 0.7" (300); 4.6" x 3" x 0.4" (500)
Mounting – Flat surfaces; Metal or plastic US single-gang wall box (500 only)
Housing: Indoor/Outdoor (IP67) w/ potted electronics
Cabling: 20" Pigtail lead
Output: Industry standard 26-bit Wiegand
Max. Cable Distance to Host: 328ft (100m) @12VDC, 100ft (30m) @ 5VDC
Recommended Cable (min. 6 conductors): Belden 5504FE or 5506FE or equal
HID-compatible (125Khz RFID)

Any suggestions or comments to this instruction or product are welcome. Please contact us through our website or email engineer@sdsecurity.com



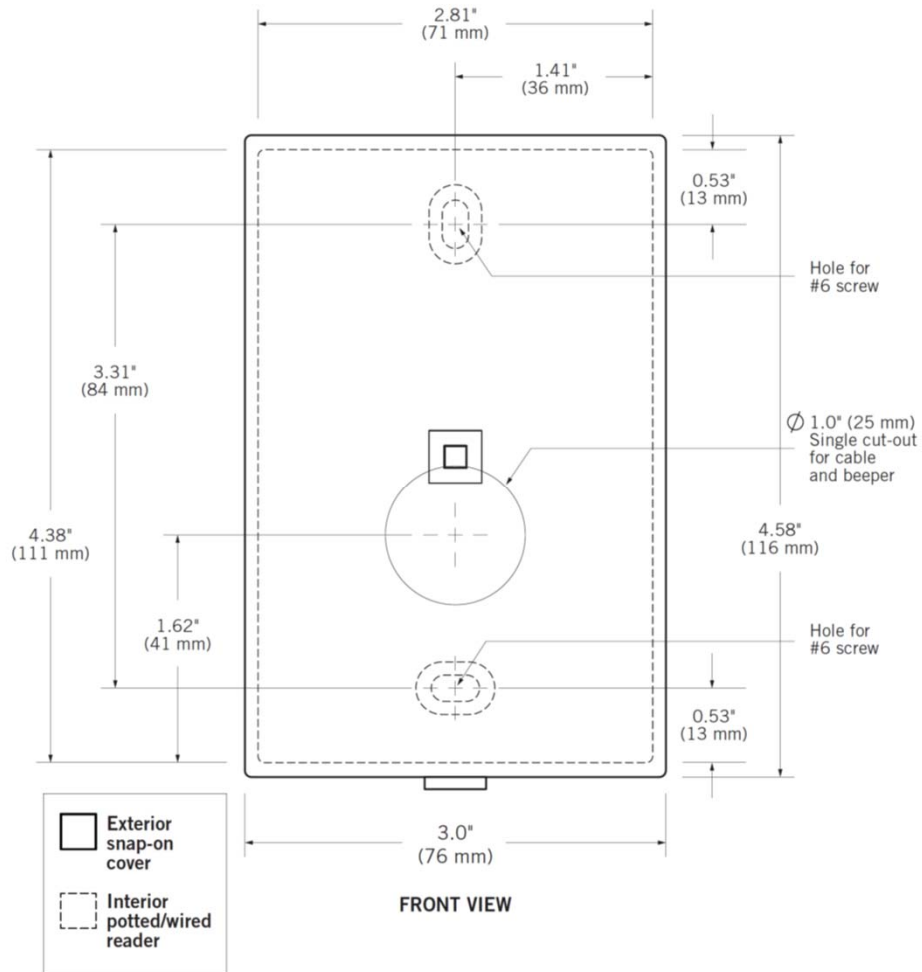
Mounting Guide

IPRW300 – Flat surfaces only:



FRONT VIEW

IPRW500 – US Single-gang Box or Flat surfaces:



FRONT VIEW