AccessPad
Accessory for Sera4 Lock Controllers

AccessPad

The AccessPad is an accessory that extends the features of a Sera4 lock controller to monitor the status of the controller, enter a Fail-Safe Unlock access code without a mobile device, or to connect a 9V battery for emergency backup power.

Button Modes

- Awake/Status: Press once
- Fail-Safe Unlock: Press and hold for 3 seconds

LED in Controller Status Mode

- Locked (Slow heartbeat)
- Unlocked (Fast heartbeat)
- Bluetooth Connected (Solid)

1. Prepare Installation

1.A Disconnect the power inputs from the controller.

1.B Identify a flat surface where the AccessPad will be installed.

1.C Verify that the cables from the controller are long enough to reach the AccessPad.

If you need to extend these cables, we recommend using a 22AWG-10/30 stranded wire. Maximum distance is 10 meters.

To splice the wires we also recommend using a heat shrink and soldering iron as shown in this tutorial: https://learn.sparkfun.com/tutorials/working-with-wire/how-to-splice-wires

2. Connectors and Wires

Connection between the controller and the AccessPad is facilitated by a 300mm (12") cable that must be matched to the type of Sera4 controller at time of ordering.

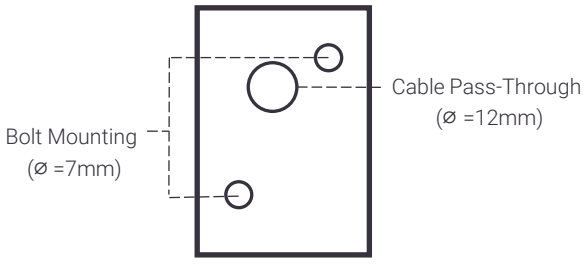
For reference:
- the female connector (DF11-6DS-2C by Hirose Electric Co) mates with the 6-pin connector on the rear of the AccessPad.

3. Mount AccessPad

3.A Print and use the template in the next page to drill the three mounting holes on the surface where the AccessPad will be installed.

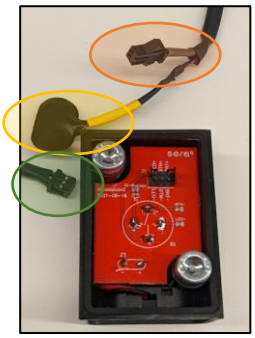
3.B Pass the cables coming form the AccessPad, through the 12mm hole.

3.C Use the supplied screws (M6 x 1.0) to secure the AccessPad to the surface, with the two 7mm holes. – **DO NOT OVERTIGHTEN.**



See attachment for a printable version of drilling points

4. Connect AccessPad



AccessPad

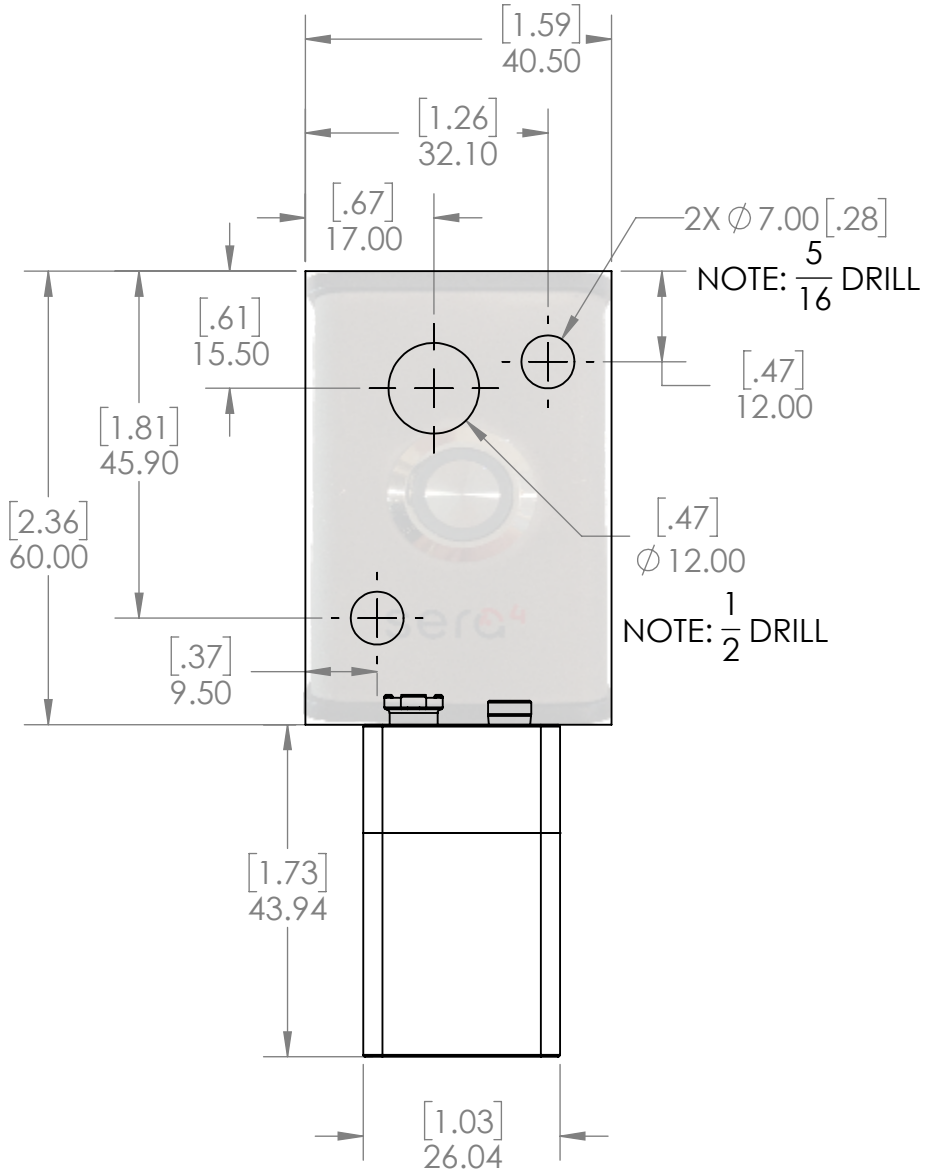
Connect the 6-pin female connector to the 6-pin male connector on the AccessPad (J1)

X-Series Controller

Connect the yellow cable (9V PP3) connector to the X-Series' yellow cable and the X-Series' brown cable (JST-SM) connector to the AccessPad's brown cable.

SLC2 Controller

The cable for SLC2 controller is a 5-pin connector. Insert this directly into the bottom port of the SLC2.



UNLESS OTHERWISE SPECIFIED:		NAME	DATE
DIMENSIONS ARE IN MILIMETERS [INCHES]	DRAWN	John	15 Jun 2021
	CHECKED	Konrad	
	ENG APPR.	Konrad	
	MFG APPR.		
	Q.A.		
	COMMENTS:		

SERA4

TITLE:

ACCESS PAD DRILL TEMPLATE

SIZE	DWG. NO.	REV.
A	1	A

SCALE:1:1 | WEIGHT: | SHEET 1 OF 1

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