Visual Verification Bridge
Powered by CHeKT.

CKB-304v2
Wiring Guide

BRIDGE
Intelligent Visual Monitoring

STA   NET   DI1   DI2   DI3   DI4

interlogix
NX-8

CKB-304v2
Visual Verification Bridge

I G I G I G I G NC C NO ARM G 12V
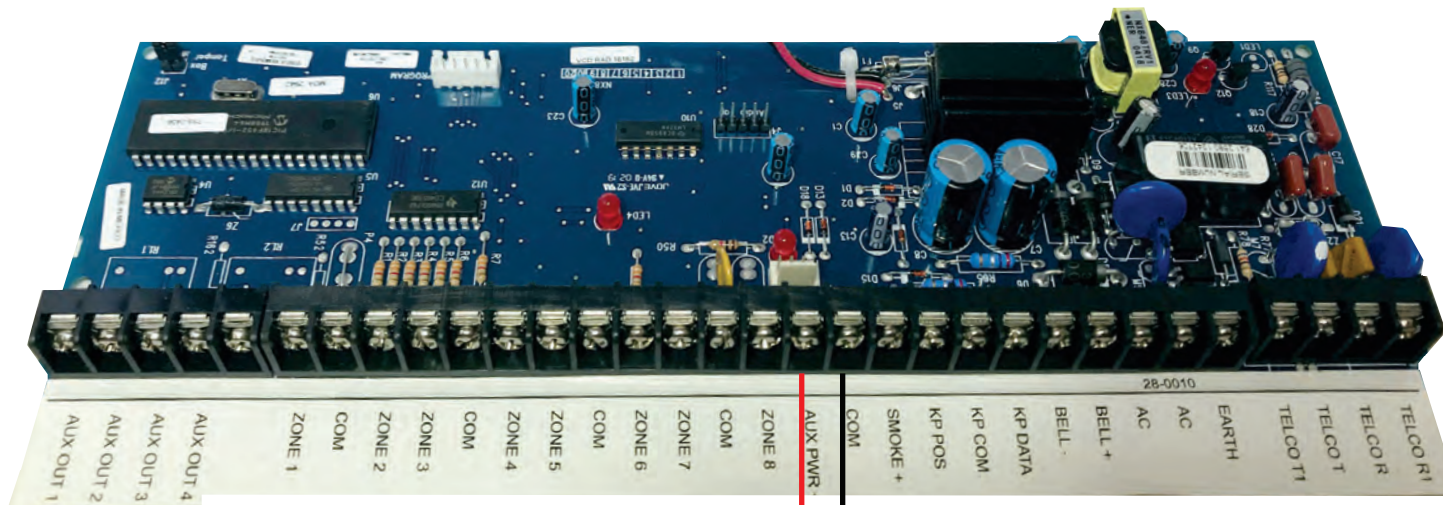
⊘ DO NOT REMOVE

Step ①
Power up the Bridge

Note: The Bridge draws 400mA peak. When powering the Bridge from the alarm panel, consider this when estimating your powered devices and back up battery.

In some cases*, an additional power supply is recommended. If a separate power supply is used, the ground must remain common between the power supply, alarm panel & Bridge.
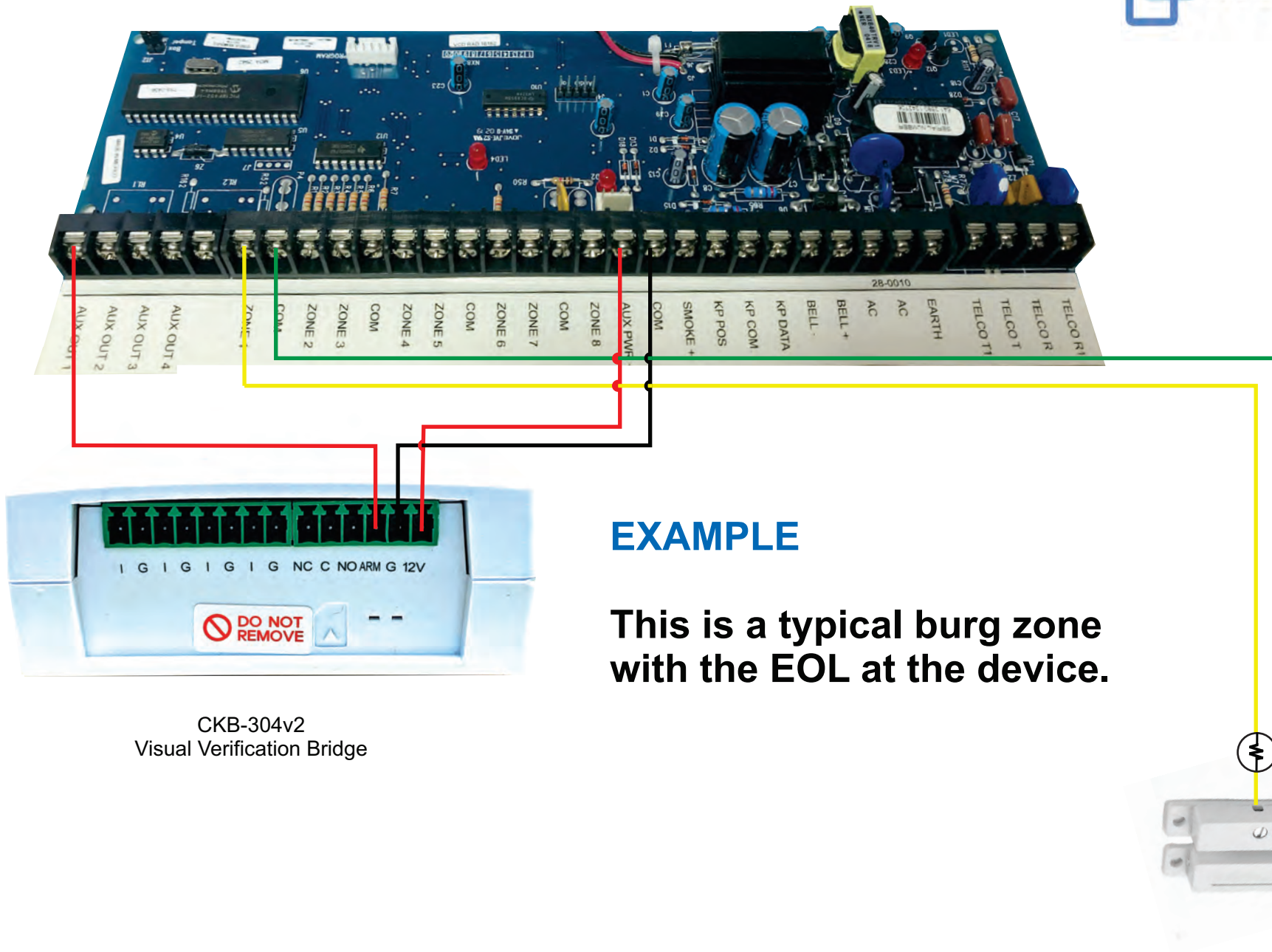
*The NX-8v2 provides 1 Amp of AUX power

OPTEX

CKB-304v2
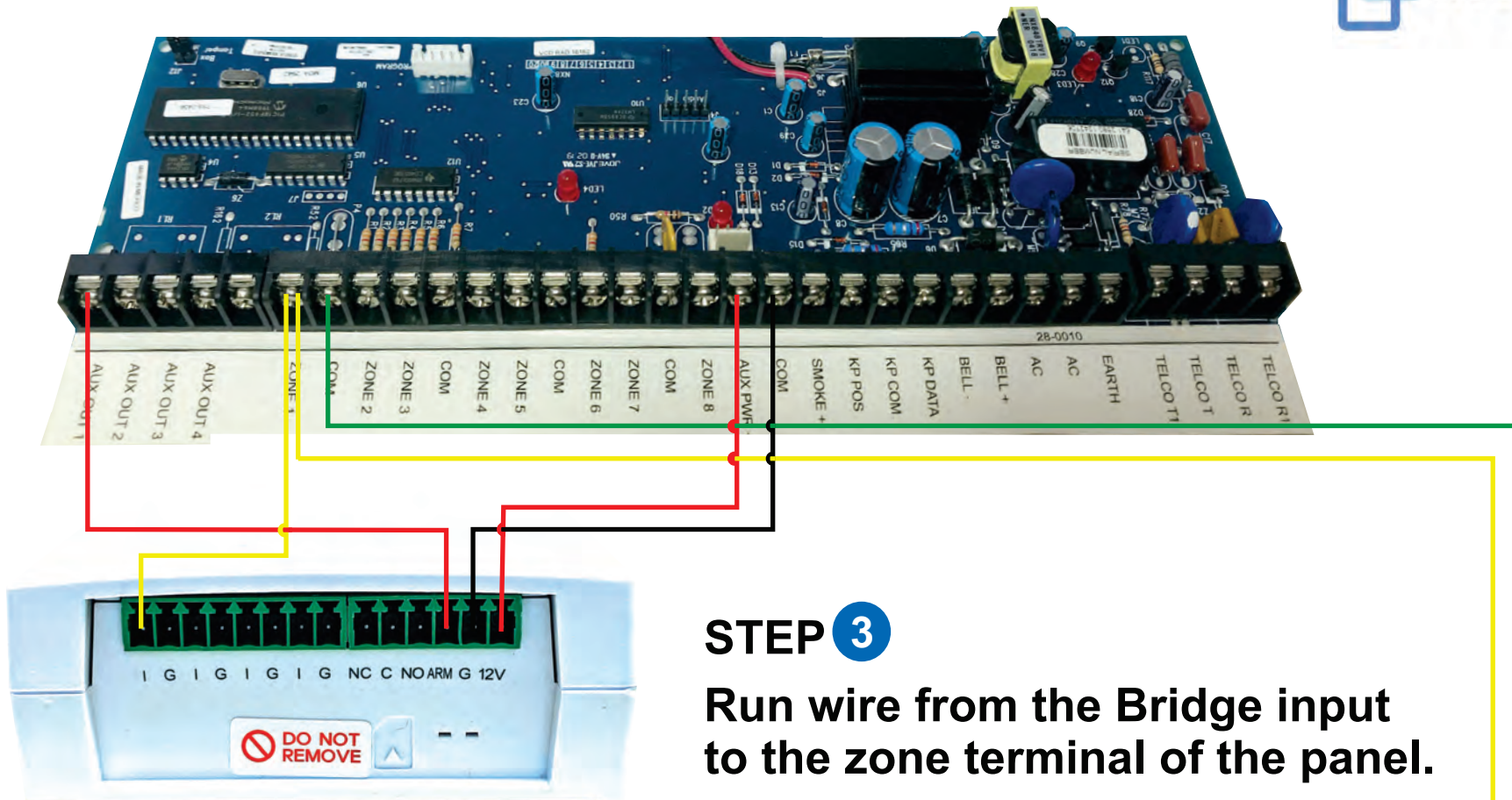Visual Verification Bridge

Step ❷
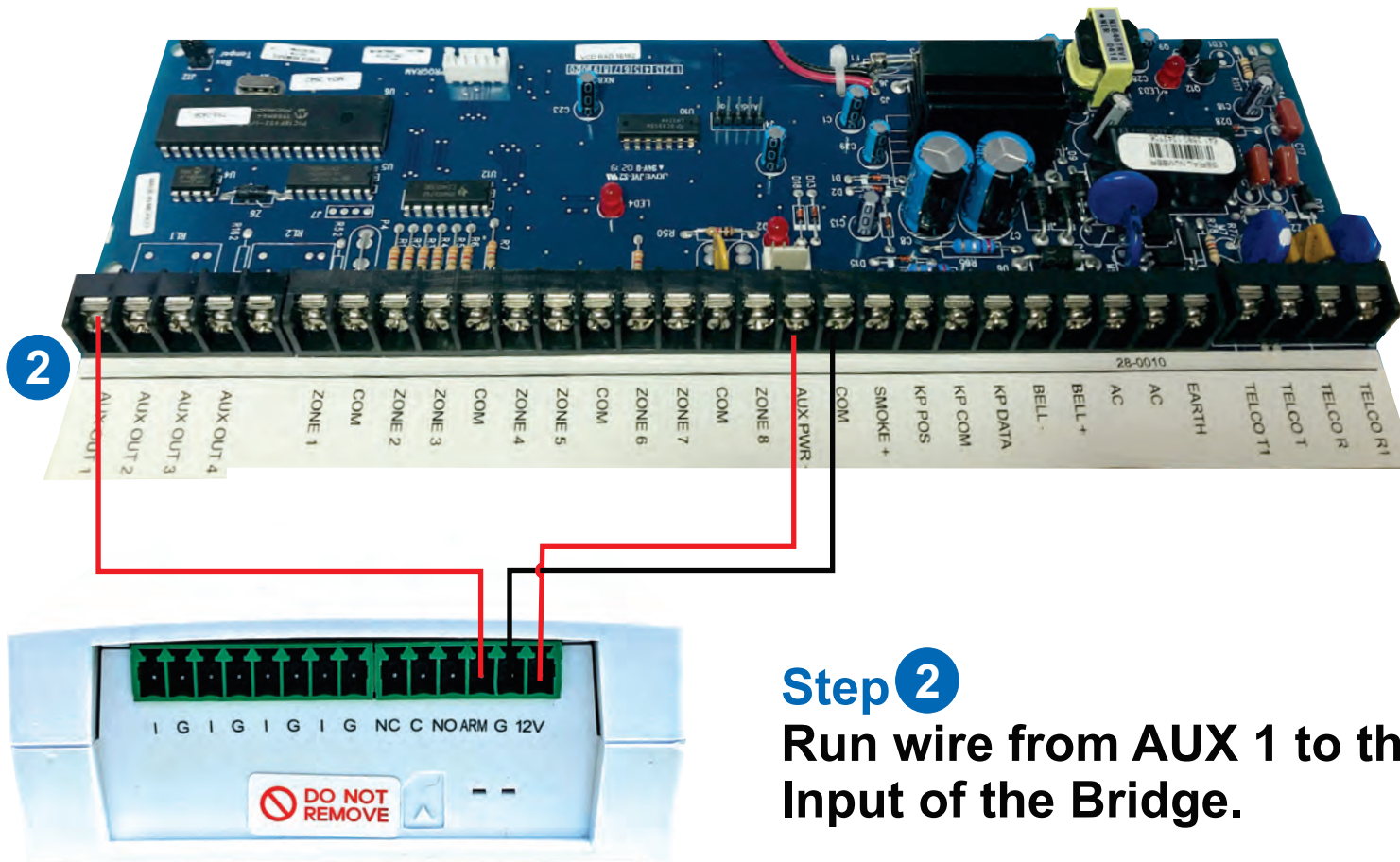
Run wire from AUX 1 to the Arming Input of the Bridge.

Note: This will allow you to arm/disarm the Bridge with the alarm panel. Any of the Aux 1-4 outputs can be programmed to the Bridge.

OPTEX

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28-0010

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Visual Verification Bridge

I G I G I G I G NC C NO ARM G 12V

DO NOT REMOVE

EXAMPLE

This is a typical burg zone with the EOL at the device.

OPTEX

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28-0010

AUX OUT 1 | AUX OUT 2 | AUX OUT 3 | AUX OUT 4 | ZONE 1 | COM | ZONE 2 | ZONE 3 | COM | ZONE 4 | ZONE 5 | COM | ZONE 6 | ZONE 7 | COM | ZONE 8 | AUX PWR | COM | SMOKE + | KP POS | KP COM | KP DATA | BELL - | BELL + | AC | AC | EARTH | TELCO T1 | TELCO T | TELCO R | TELCO R1

I G I G I G I G NC C NO ARM G 12V
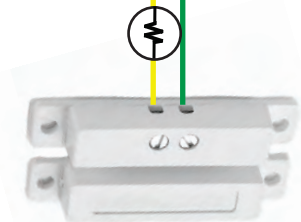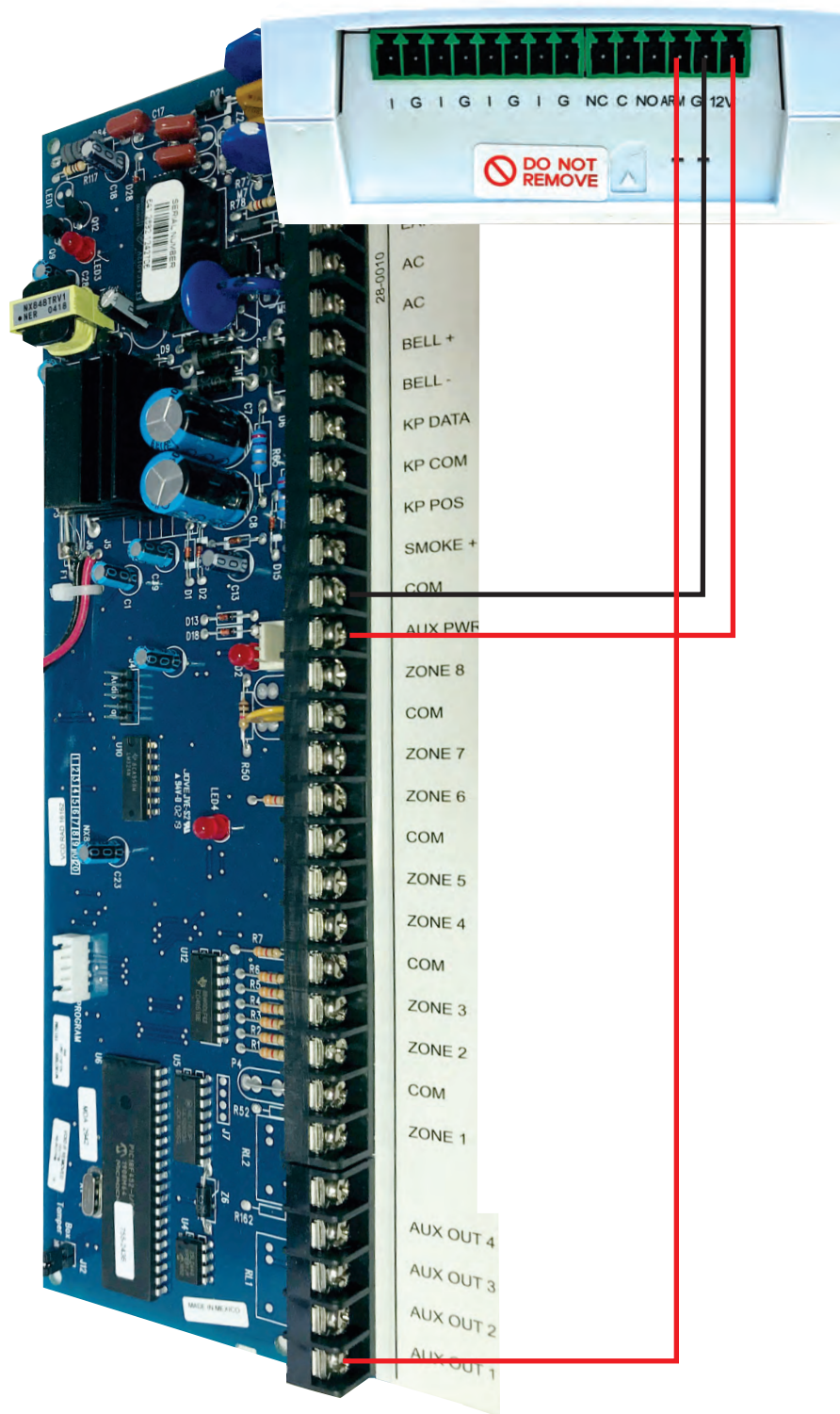
🚫 DO NOT REMOVE

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STEP ③

Run wire from the Bridge input to the zone terminal of the panel.

This wiring method requires the Bridge to share a common ground with the alarm panel. Otherwise, the Zone Ground must be wired to the Bridge Input Ground.

OPTEX

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ALARM PANEL PROGRAMMING:
Aux1 To Arm/Disarm
In this scenario, program the following:
(assuming no outputs previously used, substitute correct segment if not using output 1)

Location 45 Segment [1]
Turn on correct Partition
Location 46 Segment [1]
Ensure 6 is not on
Location [47]
Segment 1: 21
Segment 2: 0

**On NX8 v2 panels the 4 AUX outputs are on the screw terminal block.

CHeKT DEALER PORTAL:
Bridge Programming
We recommend using "Loss Of Voltage Arming" when possible. This defaults to the bridge being in anarmed state if the wiring for the Arming Pin gets compromised or disconnected for any reason.

OPTEX