



# **///CODE 3<sup>®</sup>** **MATRIX<sup>®</sup>**

WE BUILT IT FOR YOU TO OWN IT.





# SWITCH NODE / OBD / SPLITTER / SIB

## Taking Charge of Emergency Warning

Working with the Z3 Siren, these Matrix components efficiently manage and sync the emergency warning devices installed on and throughout the unit.

### SWITCH NODE

#### MATRIX® ENABLED

MORE OUTPUT CONTROL



|              |   |
|--------------|---|
| VOLTS   AMPS | 12-24V   60A  |
| DIMS         | 1.2" H x 6.0" L x 2.5" D   30mm H x 152mm L x 63mm D  |
| CERTS        | IP69K, R10  |
| DETAILS      | <ul style="list-style-type: none"> <li>Designed for extreme temperature environments</li> <li>Indicator lights for every output</li> <li>Outputs can be combined to handle higher power devices</li> <li>Dimmable outputs</li> <li>Easy install - two-wire connection to Z3 or SIB</li> </ul> |
| MODEL        | TYPE  |
| SWITCHNODE   | 16 Outputs, 5A per output   |

### SERIAL INTERFACE BOX (SIB)

#### MATRIX® ENABLED

PROVIDES MATRIX DEVICE CONNECTIVITY TO LEGACY SIRENS, OE SWITCHING



|          |   |
|----------|---|
| VOLTS    | 10-32V  |
| DIMS     | 3.7" H x 4.0" L x 1" D   94mm H x 107mm L x 25mm D  |
| DETAILS  | <ul style="list-style-type: none"> <li>Central node in the Matrix environment (not needed if a Matrix siren is used)</li> <li>USB interface for PC connectivity</li> <li>Internal, resettable PTC fuse</li> </ul> |
| MODEL    | TYPE  |
| CZMATSIB | 23 configurable inputs, (2) CAT5 ports  |

### SPLITTER

#### MATRIX® ENABLED

ENABLES 3+ MATRIX END NODES IN A SYSTEM



|                 |   |
|-----------------|---|
| VOLTS           | 10-32V  |
| DIMS            | 1.0" H x 4.2" L x 2.1" D   25mm H x 107mm L x 53mm D  |
| DETAILS         | <ul style="list-style-type: none"> <li>Expand the total number of supported Matrix end nodes in a system (Citadel, SuperVisor, WingMan, Lightbars)</li> </ul> |
| MODEL           | TYPE  |
| MATRIX SPLITTER | (2) CAT5 input ports, (4) CAT5 output ports   |

### ON BOARD DIAGNOSTICS (OBD)

#### MATRIX® ENABLED

CONNECTING MATRIX TO VEHICLE CAN SIGNALS



|                |  |
|----------------|--|
| VOLTS          | 12V  |
| DIMS           | 0.7" H x 2.7" L x 1.7" D   18mm H x 69mm L x 43mm D  |
| DETAILS        | <ul style="list-style-type: none"> <li>React automatically to vehicle signals (i.e. brake, high beams, turn signals, etc)</li> <li>Removes need to splice or cut into the vehicle's OEM wires</li> <li>Provides seamless cable connectivity to Vehicle CAN Bus system to interface vehicle signals to Matrix siren system</li> </ul> |
| MODEL          | TYPE   |
| Z3S-OBD-PIUEXP | PIU 2016+, Expedition 2020+,   |
| Z3S-OBD-TH     | Tahoe 2015-2020, Silverado K2 2015-2020  |
| Z3S-OBD-TH21   | Tahoe 2021+  |
| Z3S-OBD-DURCH  | Durango 2015+, Charger 2015+   |