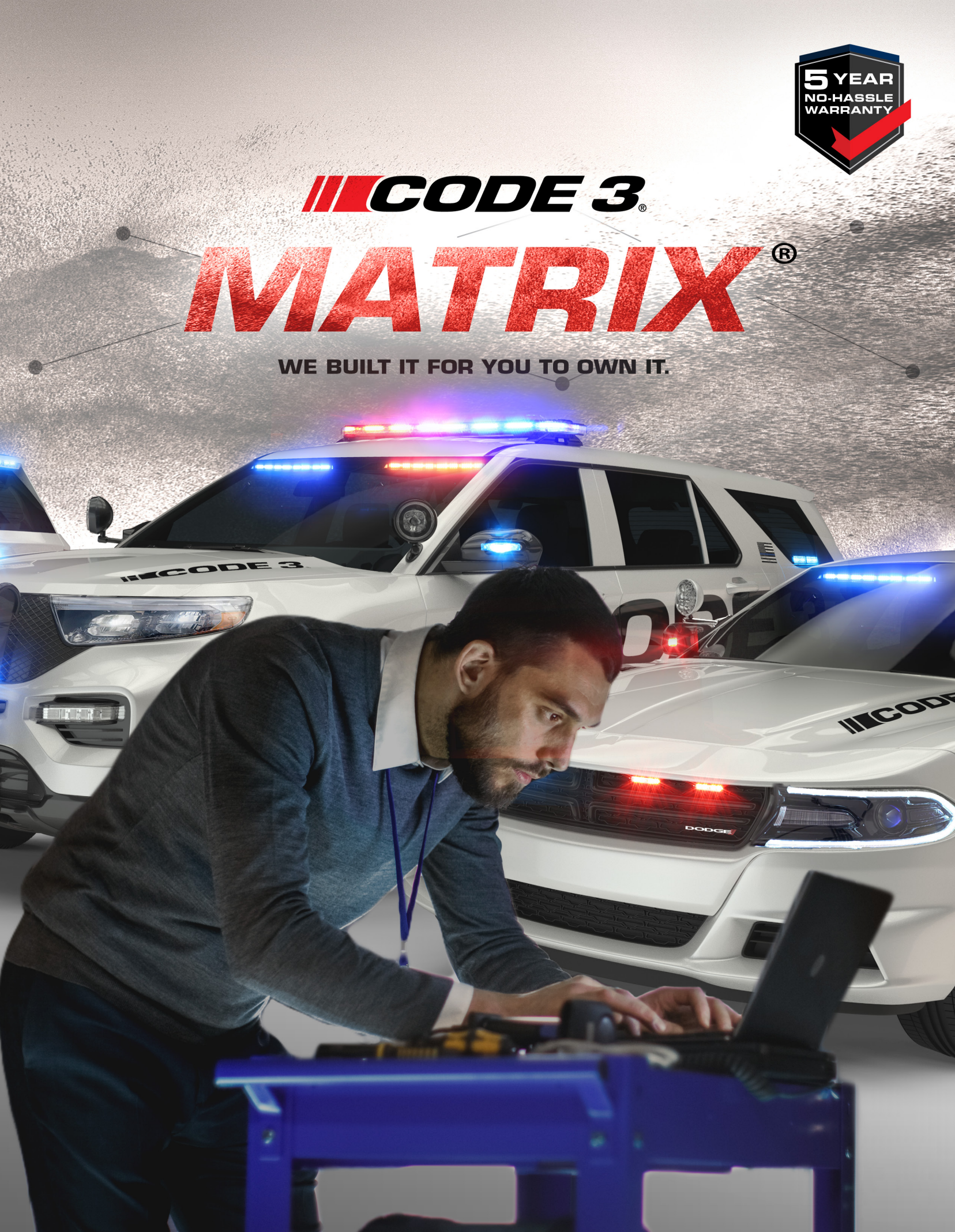
5 YEAR NO-HASSLE WARRANTY

CODE 3®

MATRIX®

WE BUILT IT FOR YOU TO OWN IT.



CODE 3

MATRIX®

5 YEAR NO-HASSLE WARRANTY

PROTECTING THOSE WHO SERVE

Code 3's latest innovation in automation keeps officers focused on the task at hand. Running code, making high-risk stops and ensuring visibility on scene are stressful enough and officers need to make every second count. The last thing they need to worry about is pushing buttons and flipping switches to change tones and flash patterns.

The Matrix system syncs the unit's warning systems and links officers' actions to the functionality of the lights and siren. Do these scenarios sound familiar? Find out how popular Matrix software presets reinforce officer and public safety.

LIGHTS AND SIREN

LIGHTBAR – Activate custom flash-patterns and color combinations. Turn signals, braking and parking can be programmed to trigger pattern and color changes

SPEED – Change tones and lighting functions at a pre-determined speed

HORN RING TRANSFER – Change tones and lighting functions when the horn is engaged

TRAFFIC STOP

DOOR CUT – Eliminate lighting on the driver- or passenger-side of the vehicle when a door is opened; reduce night blindness from bright lights

STOP-TAIL-TURN – Provide directional lighting when turn-signaling. Additionally, stepping on the brake turns all rear-facing lights red

HIGH-RISK STOP

FULL FLOOD – Engage high beams, turn all forward-facing lights white

PARK KILL – Put the unit in park, cut the siren tone and flashing lights

ON-SCENE

DIRECTIONAL – Activate directional flash patterns and sync exterior lighting

DIM – Reduce LED luminosity allowing citizens to pass more safely.

These presets only scratch the surface of Matrix's capability. The system can be configured to activate a K9 unit's air conditioning if the internal temperature gets too high. Program a cruise light function to signal availability and boost community policing efforts. The possibilities are endless. Make the system work for you and your jurisdiction.

ESG.GLOBAL/C3MATRIX

CODE 3

MATRIX®

CLICK. DRAG. DROP. CUSTOMIZE.

Code 3 designed Matrix to be an intuitive, serial system from installation to configuration.

Hardware components, such as the OBD interface, Switch Node and Splitter with CAT5 connections, make installation a breeze by consolidating wiring and synching emergency warning systems throughout the vehicle.

The software is just as straight forward. With the industry's first click, drag, drop user interface, upfitters and departments can easily program a unit's entire complement of lights and siren. Save the settings to a file, then upload the configurations to the entire fleet.

Seamlessly integrate these Matrix-enabled components into your organization's next build.

.

Z3™ SIREN

EASY TO OPERATE CONTROL HEAD

200W/300W / Control head 3.3" H x 6.8" L x 1" D / Amplifier 4" H x 9.75" L x 6.8" D

- 18 configurable outputs: 2 – 20A outputs, 8 – 10A outputs, 8 – 500mA outputs
- 13 configurable inputs
- Optional push button or rotary control heads available, both models have a three position slide switch
- Customized patterns available to be programmed for ArrowStik® through Matrix software®
- Built in "battery voltage check" sensor shuts down lights and sirens when voltage runs below a programmed setting
- Available with or without "built-in space saving low frequency amp BANSHEE

ESG.GLOBAL/C3MATRIX

CODE 3

ROOF & WINDSHIELD

21 SERIES LIGHTBAR - SAE CLASS I LED LIGHTBAR

THIN SUPERVISOR™ - WINDSHIELD MOUNTED INTERIOR LIGHT

5 YEAR NO-HASSLE WARRANTY

27 SERIES LIGHTBAR

21 SERIES LIGHTBAR

SAE CLASS I · SAE J595 · SAE J845 · CALIFORNIA TITLE 13 · NFPA · R65 · R10 · CISPR 25

21 SERIES / 27 SERIES LIGHTBAR

12V / 2.1" H x 12.3" D (21 Series), 2.7" H x 12.3" D (27 Series)
Unlimited flash patterns / Custom configurations available on Lightbar Builder

AVAILABLE COLORS: (21 Series) AG, AR, AW, BW, RB, RW, AWG, BAG, BAW, BWG, RAG, RAW, RBA, RBG, RBW, RWG
(27 Series) AG, AR, AW, BW, RB, RW, AWG, BAG, BAW, RAG, RAW, RBA, RBW

DETAILS:
- ArrowStik™
- Flashing takedown and alleys
- Cruise lights (flicker and safety)
- Dual or tri-color lightheads

OPTIONS:
- **LENGTHS AVAILABLE:** 22”, 36”, 44”, 47”, 52”, 58”, 69”, 80” & 91”
- 795H Opticom™ or N-3 Emitter
- Upper lenses available in red, blue, amber, tinted (21 Series), clear (27 Series), or black (with black lens clips)
- CAT5 cable for easy install
- Lower lens available in amber, clear or tinted for specific configurations (21 Series)

SAE CLASS I · CALIFORNIA TITLE 13 · SAE J595

THIN SUPERVISOR™

12-24V / 6.8A / 87W / 0.8” H X 17.6” W X 4.8” D / UNLIMITED FLASH PATTERNS

AVAILABLE COLORS: BA, BW, RB, RW/BW (DRIVER SIDE/PASSENGER SIDE), BAW, RAW, RBA, RBW

DETAILS:
- Universal housing
- Dual or Tri color lightheads
- Minimal flashback
- No drilling required for mounting
- contoured for installation against the upper interior of the windshield
- Low profile unit allows for unobstructed view and for the sun visor to fold forward
- Cable length between the drive and passenger side is 18”
- Sync Supervisor flash patterns with the rest of the lighting on this vehicle

CODE 3

REAR WINDOW PRODUCTS

THIN WINGMAN™ - PERFECT PARTNER TO THE SUPERVISOR™

SAE CLASS I · CALIFORNIA TITLE 13 · SAE J595

THIN WINGMAN™

12-24V / 6.8A / 87W / 0.9" H x 33.0" W x 6.2" D / Unlimited Flash Patterns

AVAILABLE COLORS: AW, BA, RB, RW/BW (DRIVER SIDE/PASSENGER SIDE) BAW, RAW, RBA, RBW

DETAILS:

- Dual or tri-color lightheads
- Minimal flashback
- No drilling required for mounting, contoured for installation against the rear interior windshield
- Compact size is ideal for covert applications
- Sync Wingman flash patterns with the rest of the lighting on the vehicle

CITADEL™ SERIES - EXTERIOR LIGHTING SYSTEM

SAE CLASS I · CALIFORNIA TITLE 13 · SAE J595 · NFPA

CITADEL™

12-24V / Unlimited Flash Patterns

AVAILABLE COLORS: A, B, R, BW, RB, AA, BB, RR, AW, BA, BW, RA, RB, RW, RABA, RA/BA, RW/BW, RAW/BAW, BAW, RAW, RBA, RBW

DETAILS:

- Dual or tri-color lightheads
- Enhances rear vehicle visibility while providing the driver maximum rear window viewing and eliminating flash back
- Citadel designed with six lightheads
- Sync Citadel flash patterns with the rest of the lighting on the vehicle

5 YEAR NO-HASSLE WARRANTY

ESG.GLOBAL/C3MATRIX

CODE 3

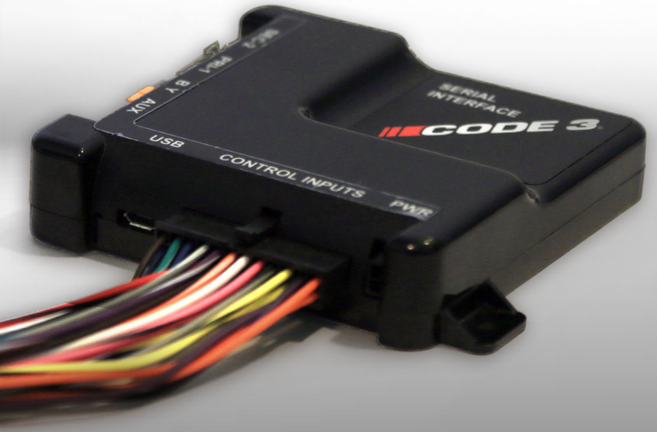
ACCESSORIES

SWITCH NODE
MORE OUTPUT CONTROL
12-24V, 60A / 1.2" H x 6.0" L x 2.5" D
16 Outputs, 5A per output

- Designed for extreme temperature environments
- Indicator lights for every output
- Outputs can be combined to handle higher power devices
- Dimmable outputs
- Easy install - two-wire connection to Z3 or SIB

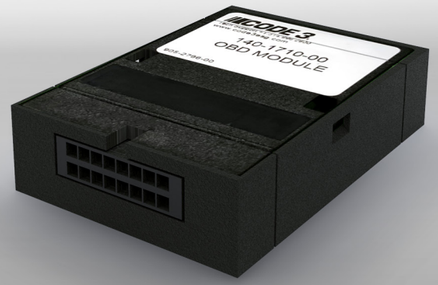
SPLITTER
ENABLES 3+ MATRIX END NODES
10-32V / 1.0" H x 4.2" L x 2.1" D
(2) CAT5 input ports, (4) CAT5 output ports

- Expand the total number of supported Matrix end nodes in a system (Citadel, SuperVisor, WingMan, Lightbars)



SERIAL INTERFACE BOX (SIB)
PROVIDES MATRIX DEVICE CONNECTIVITY TO LEGACY SIRENS, OE SWITCHING
10-32V / 3.7" H x 4.0" L x 1" D
23 configurable inputs, 2 CAT5 ports

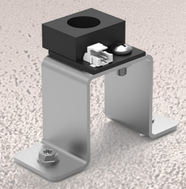
- Central node in the Matrix environment (not needed if a Matrix siren is used)
- USB interface for PC connectivity
- Internal, resettable PTC fuse



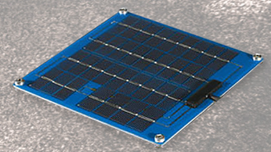
OBD2 MODULE
REACT AUTOMATICALLY TO VEHICLE SIGNALS
12V, 0.0A / 0.7" H x 2.7" L x 1.7" D

- React automatically to vehicle signals (i.e. brake, high beams, turn signals, etc)
- Removes need to splice or cut into the vehicle's OEM wires
- Provides seamless cable connectivity to Vehicle CAN Bus system to interface vehicle signals to Matrix siren system

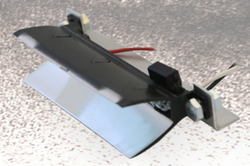
LIGHTBAR ACCESSORIES



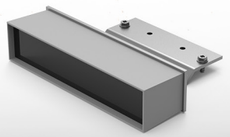
PHOTOCELLS:
CZ21PC: 21 Series Matrix
CZ27PC: 27 Series Matrix



SOLAR PANELS:
S1397M: 21 Series Matrix
27 Series Matrix



N-3 STROBE EMITTER
NPE1000



LED INFRARED EMITTER
E795LP-LX

UPFIT WITH CONFIDENCE WHEN SELECTING EMERGENCY WARNING SYSTEMS AND DEVICES.

Matrix-Enabled products are designed to plug-and-play into the Matrix software environment. Enabled devices can fully integrate with each other, providing seamless synchronization and endless customization

Examples: Matrix Z3 Siren, Serial Interface Box (SIB), Matrix 21/27 Series lightbars, Switch Node, Matrix Thin SuperVisor, Matrix Thin WingMan

Matrix-Compatible products are not designed with embedded Matrix technology but they can be controlled by Matrix's programming and infrastructure. Synchronization, dimming functions and other enhanced capabilities are possible

Examples: directional and exterior lighting such as the M180™ and MICROPAK Hide-A-Blast Series

5 YEAR NO-HASSLE WARRANTY

ESG.GLOBAL/C3MATRIX

CODE 3

CONNECT WITH US

CODE3ESG.COM

10986 North Warson Road, St. Louis, MO 63114
(314) 426-2700 / C3_orders@code3esg.com
(314) 996-2800 / C3_tech_support@code3esg.com

7 58379 10255 8
MATRIX20