

# CORE<sup>®</sup>

CONTROL SYSTEMS

Your Fleet's Most Powerful Ally



**WHELEN<sup>®</sup>**  
MANUFACTURED IN AMERICA



# CORE<sup>®</sup> POWERED BY WECANX<sup>®</sup>

Whelen's powerful Core control systems enhance first responder safety like no other by providing the greatest configurability, speed, and expansion capabilities available on the market. Built to scale with your needs, our Core<sup>®</sup> systems are highly configurable and offer advanced automation, remote connectivity, and true system synchronization through the industry's smartest and most powerful CAN-based communication system, WeCanX<sup>®</sup>. This proprietary technology combines unrivaled sophistication with lightning-fast speed, expanded peripheral add-ons, and full diagnostic support.

C E N C O M  
CORE<sup>®</sup> CORE-S<sup>®</sup> CORE-R<sup>®</sup> CORE-C<sup>®</sup>



For more information or to schedule a quick call with a Whelen sales representative, scan here or visit [www.whelen.com/core](http://www.whelen.com/core).

# DESIGNED TO FIT YOUR NEEDS

Every aspect of Core® is engineered for performance and designed for vast configuration, allowing for access to every connector and fuse from the top of the box. Core is built to scale with your needs.



**WARNING:** These products may contain chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, visit [whelen.com/regulatory](http://whelen.com/regulatory).

Core® Powered By WeCanX®  
WHELEN ENGINEERING COMPANY, INC.

**WHELEN**  
MANUFACTURED IN AMERICA

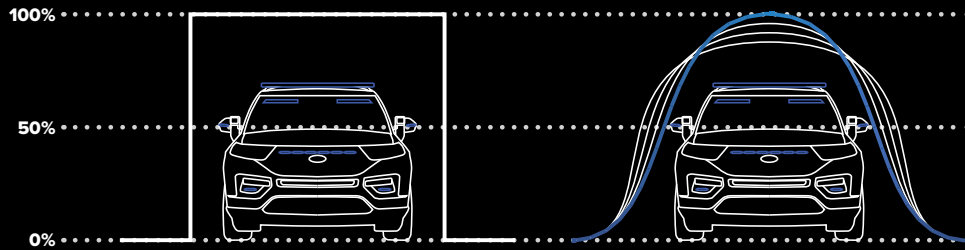
# WE CAN X.

WeCanX® is the smartest and most powerful CAN-based communication system we've ever engineered. Providing true system synchronization, greater speed capabilities, expanded peripheral add-ons, and full support of diagnostics, WeCanX is designed for optimal situational awareness programming.

The system supports any combination of up to 99 WeCanX devices, including support for multiple Whelen peripherals of the same type on the same vehicle.



Dynamic Variable Intensity™ flash patterns are designed to create a calm warning environment and bring an advanced level of safety to nighttime emergency scenes. DVI™ patterns gradually increase and decrease warning light intensity, which better conveys visual information to approaching motorists at night.



## WHELEN COMMAND®

At the heart of Core® is Whelen Command, our cutting-edge software designed to streamline the entire programming process. With an advanced user interface, Command provides quick, seamless updates and new releases while efficiently processing hundreds of virtual inputs.

Command features Situation-Based Integration and Events. With Situation-Based Integration, scene-specific functions can be created and automated by utilizing various vehicle components and signals, like automatically turning off a siren when a vehicle arrives on scene. With Events, multiple user-defined rules can be created for specific situations depending on the state of your vehicle, like automatically switching to DVI light patterns when the vehicle is in park.



# VEHICLE-TO-VEHICLE SYNC

A calm scene is a safe scene with Vehicle-to-Vehicle (V2V) Sync. Automatically synchronize lights and tones on vehicles within any proximity to aid approaching motorists.



# DIGITAL VOICE MESSAGES

Configure consistent messaging across a fleet with Digital Voice Messages. Messages can be customized for weather alerts, evacuation orders, traffic reports, bilingual messaging, and more. Messages are added through the *Manage Digital Voice Messages* window in the Whelen Command® software and can be applied to any input.



Scan to find and download standard messages including fire warnings, no parking orders, active shooter warnings, and more.

# WHELEN CLOUD PLATFORM®



## THE NEW STANDARD IN EMERGENCY SCENE SAFETY

The Whelen Cloud Platform (WCP®) is a state-of-the-art, cloud-based vehicle communication system enhancing first responder safety and efficiency.

With seamless connectivity between fleet vehicles and across agencies via cellular networks, our platform offers real-time digital alerts, geofence-controlled technology, and traffic preemption to ensure faster, safer responses.

Effortlessly manage vehicle configurations and firmware updates over-the-air, and accurately pinpoint vehicle locations for coordinated operations. All data is securely accessible anytime, anywhere, allowing for optimal fleet organization and enhanced safety at roadside scenes.

**⚠️ WARNING:** These products may contain chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, visit [whelen.com/regulatory](http://whelen.com/regulatory).

Core® Powered By WeCanX®  
WHELEN ENGINEERING COMPANY, INC.

**WHELEN**  
MANUFACTURED IN AMERICA



CENCOM  
**CORE**

Created to enhance first responder safety, CenCom Core® redefined control systems by providing the greatest configurability, speed, and expansion yet. Built to scale with your needs, Core® is highly configurable and offers advanced automation, remote connectivity, and true system synchronization.

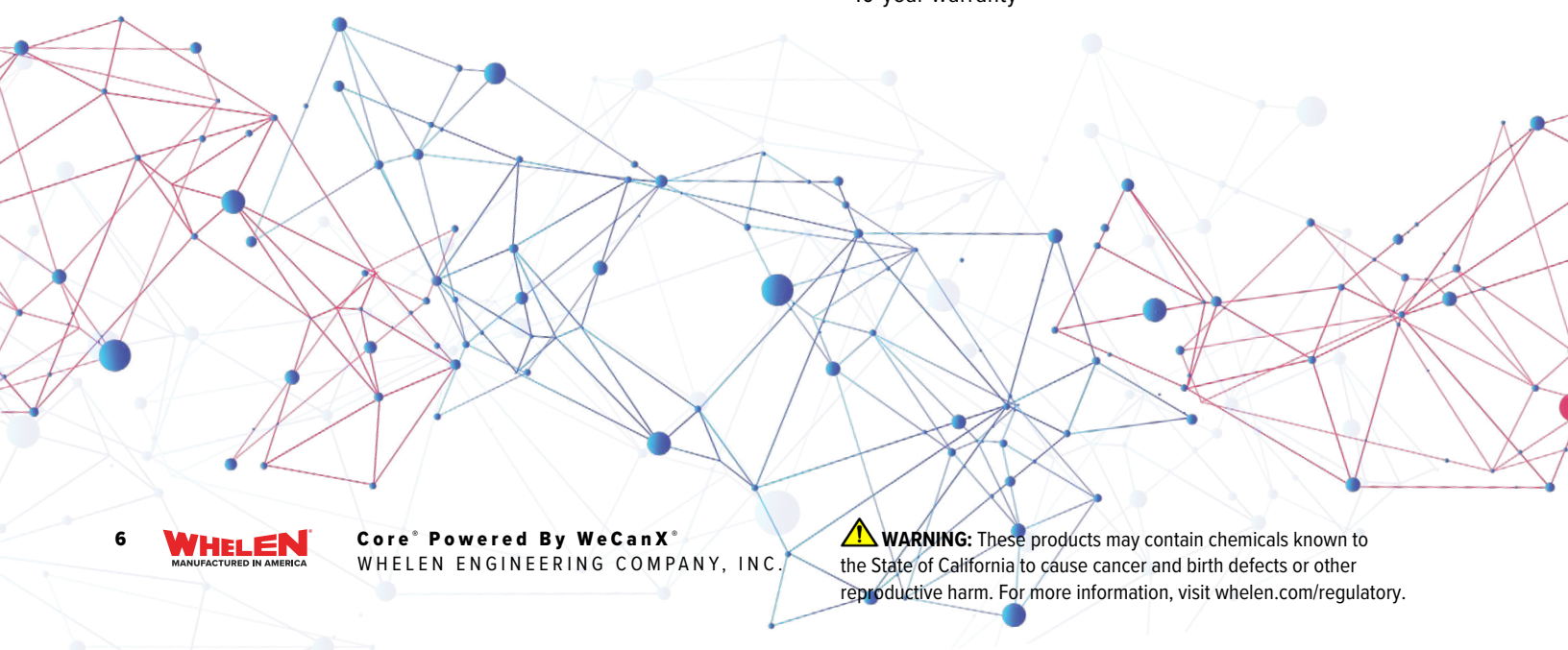
- Powered by WeCanX®
- Supports any combination of up to 99 WeCanX devices
- Seamlessly integrates with Whelen Command® software
- Remote firmware updates through USB-C with Whelen Command or over-the-air with Whelen Cloud Platform®
- Vehicle-to-Vehicle Sync
- Dynamic Variable Intensity™ light patterns
- 17 total inputs
- 22 total outputs
- Supports Steady-Lock®
- 10-year warranty



**CORE-S**

The newest addition to Whelen's industry-leading Core family of control systems, Core-S® is a true one-box solution. Its space-saving design allows for installation in tight spaces like in a console or under a dash, and installation has never been easier with connector placement specifically designed for hard-to-reach areas. Core-S features a siren, input/output, and control functionality in one compact box along with an integrated control head.

- Powered by WeCanX
- Supports any combination of up to 99 WeCanX devices
- Seamlessly integrates with Whelen Command software
- Remote firmware updates through USB-C with Whelen Command or over-the-air with Whelen Cloud Platform
- Vehicle-to-Vehicle Sync
- Dynamic Variable Intensity light patterns
- 11 total inputs
- 16 total outputs
- Supports Steady-Lock
- 10-year warranty





## CORE-R

Core-R® is a vehicle control system engineered to enhance operator and motorist safety with complete configurability, advanced automation, and remote connectivity.

- Powered by WeCanX®
- Supports any combination of up to 99 WeCanX devices
- Seamlessly integrates with Whelen Command® software
- Remote firmware updates through USB-C with Whelen Command or over-the-air with Whelen Cloud Platform®
- Vehicle-to-Vehicle Sync
- Dynamic Variable Intensity™ light patterns
- 8 total inputs
- Does not have its own outputs, supports Steady-Lock® through Remote Expansion Module
- 10-year warranty



## CORE-C

Core-C® is the heart of a sophisticated warning light system for a wide range of vehicles. Whether you're upfitting a work truck, a volunteer responder vehicle, or a smaller specialty unit, Core-C delivers powerful WeCanX safety features in a compact, easy-to-install design. Combining the intelligence of a WeCanX controller with the functionality of a control head, Core-C offers smart performance in one streamlined solution.

- Powered by WeCanX
- Supports up to 10 WeCanX devices (device types may vary)
- Seamlessly integrates with Whelen Command software
- Remote firmware updates through USB-C with Whelen Command
- Vehicle-to-Vehicle Sync
- 1 input, 1 output
- Supports Steady-Lock through Remote Expansion Module
- 10-year warranty

## CORE-R DOT

- All the benefits and features of Core-R are housed in a durable junction box to protect control system components and wiring from harsh environments and weather typically experienced by DOT vehicles.
- Its modular design makes installation on a municipal vehicle quick and easy with parts designed to be installed in various locations throughout a vehicle.
- Optional modules are available to further enhance flexibility and safety features like DVI™ and V2V Sync.



**⚠ WARNING:** These products may contain chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, visit [whelen.com/regulatory](http://whelen.com/regulatory).

Core® Powered By WeCanX®  
WHELEN ENGINEERING COMPANY, INC.

**WHELEN**  
MANUFACTURED IN AMERICA

# WeCanX<sup>®</sup> DEVICES

You can customize Core<sup>®</sup> in ways that were never before possible in a control system. Built on Whelen's innovative WeCanX<sup>®</sup> network, Core provides unmatched flexibility to design lighting and siren functions around the unique demands of your fleet. Core is compatible with an extensive array of WeCanX devices, allowing you to automate complex tasks, streamline workflows, and create smart vehicle behaviors that respond instantly to your environment—ensuring your lights and sirens work seamlessly, without second-guessing. From vehicle startup to scene arrival, Core prioritizes safety by helping you stay focused, alert, and in control.



## LIGHTBARS

Legacy<sup>®</sup>, Liberty<sup>™</sup> II, Freedom<sup>®</sup> IV, Edge<sup>®</sup> 9X, and Justice<sup>®</sup> DUO<sup>™</sup> lightbars support WeCanX with expanded control of individual lighthoods in DUO and TRIO<sup>™</sup> models and in lengths over 60".



## TRAFFIC ADVISOR<sup>™</sup> MODULE

- Ground switched for Whelen capability
- 9 conductors
- Uses the current 12-position commercial Mate-N-Lok<sup>™</sup> connector



## INNER EDGE FST, RST, & XLP

Inner Edge<sup>®</sup> FST<sup>™</sup>, RST<sup>™</sup>, and XLP models support WeCanX with expanded control of individual lighthoods in DUO and TRIO models.

## VEHICLE-TO-VEHICLE (V2V) SYNC MODULE

- Synchronize lights and tones on an unlimited number of vehicles within any proximity.
- 10-30 VDC power supply
- Includes diagnostic indicator

## WECANX JUNCTION BOX

- Simplified installations
- Enhanced flexibility
- Improved efficiency
- 12 WeCanX data connection points



## REMOTE 8-, 16-, OR 24-OUTPUT EXPANSION MODULE

- 4 programmable logic inputs (CEM8, CEM16, CEM16D only)
- Cruise mode



## CONTROL POINT

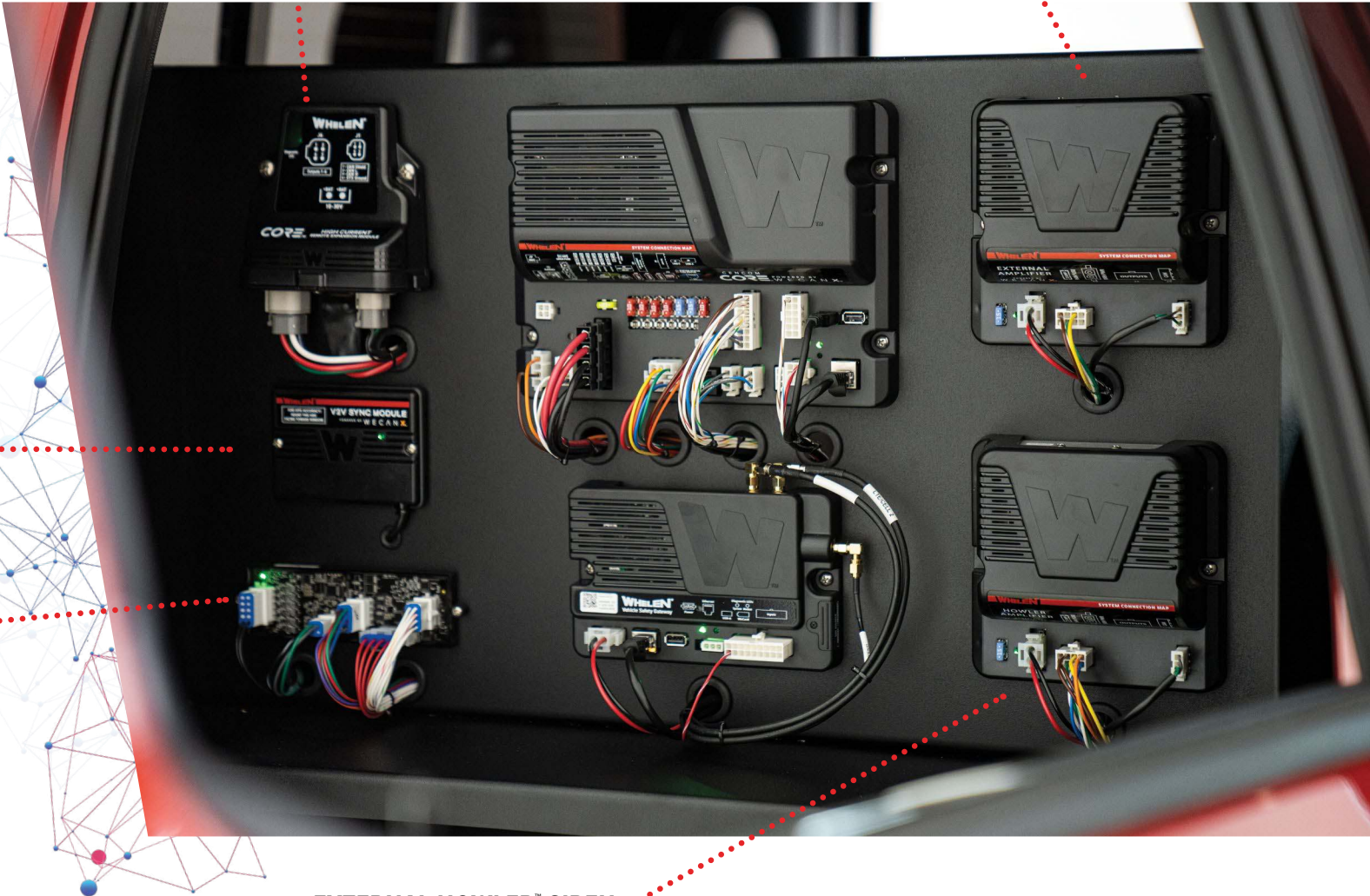
- Diagnostic output
- Can be selected in WeCad<sup>™</sup> as an option

## HIGH CURRENT REMOTE EXPANSION MODULE

- Integrate scene lights into WeCanX® system control. Outputs can flash, dim, or gradually increase or decrease the light intensity of scene lights, further calming a scene.
- Operates high current lightheades such as scene lights (e.g., eight 75-watt, four 150-watt Pioneer™ lightheades, etc.)
- 4 outputs at 15-Amps each

## EXTERNAL AMPLIFIER

- Can be operated independently of other sirens
- Tones can be synchronous or asynchronous depending on the Control System used
- Public address
- Digital Voice Messages
- Variable intensity tones



## EXTERNAL HOWLER™ SIREN

- Can be operated independently of other sirens
- Howler now plays its own tone rather than sensing and following an existing tone
- Tones can be synchronous or asynchronous depending on the control system used
- Low-intensity mode

**⚠ WARNING:** These products may contain chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, visit [whelen.com/regulatory](http://whelen.com/regulatory).

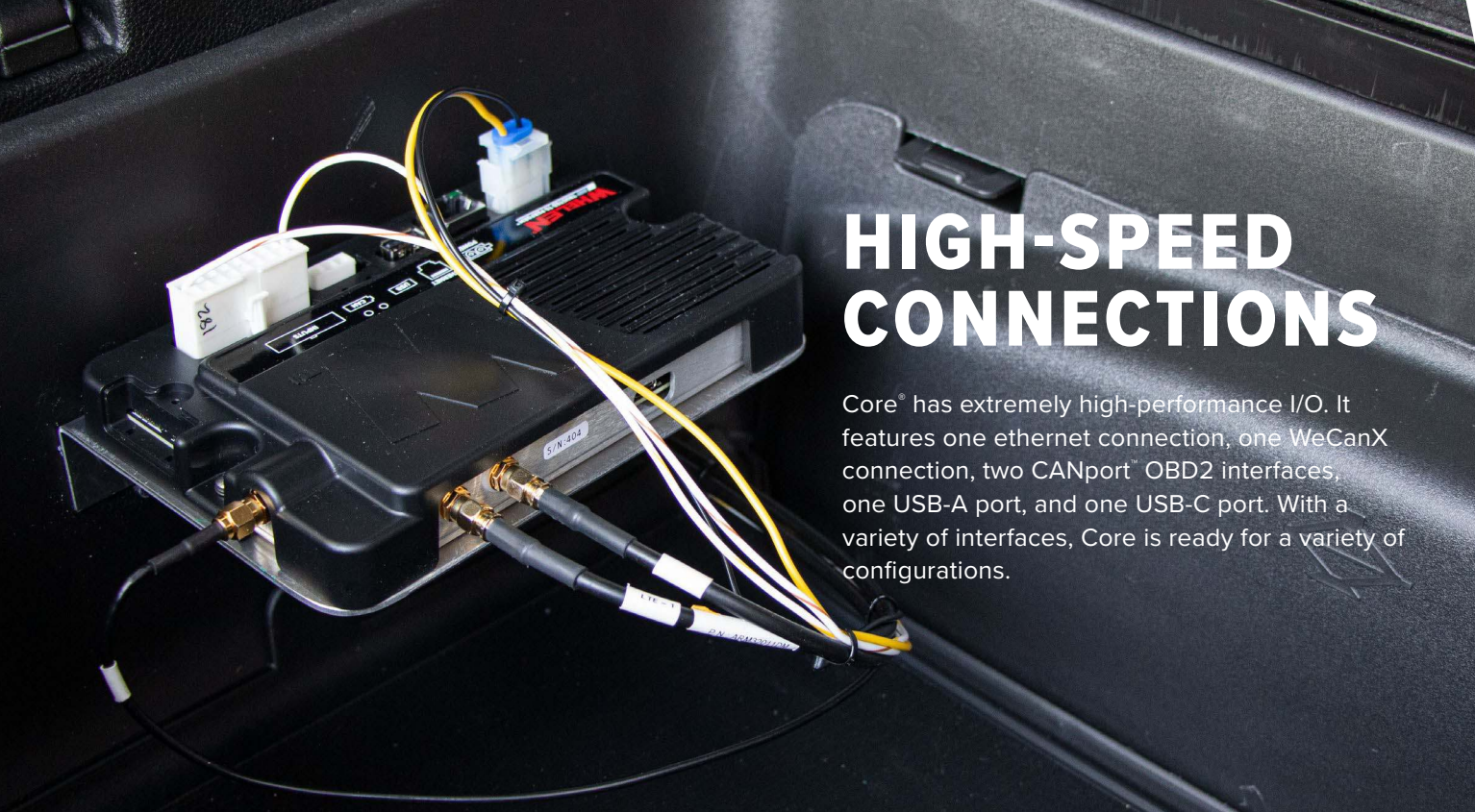
**Core® Powered By WeCanX®**  
WHELEN ENGINEERING COMPANY, INC.

**WHELEN**  
MANUFACTURED IN AMERICA



# FIRMWARE UPDATES

Core® supports remote firmware updates through USB-C with Whelen Command® or over-the-air with the Whelen Cloud Platform®. All WeCanX® devices support encrypted firmware updates.



# HIGH-SPEED CONNECTIONS

Core® has extremely high-performance I/O. It features one ethernet connection, one WeCanX connection, two CANport™ OBD2 interfaces, one USB-A port, and one USB-C port. With a variety of interfaces, Core is ready for a variety of configurations.

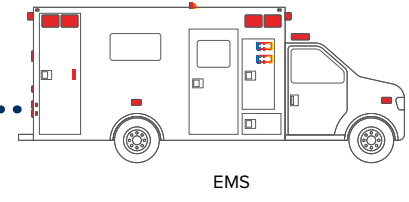
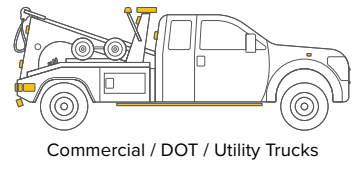
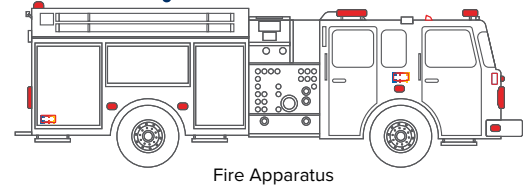
# WHELEN CLOUD PLATFORM



**COMPATIBLE WITH  
ANY VEHICLE,  
ANY LIGHTING SYSTEM,  
ANY FLEET.**



Whelen Cloud Platform® connects with any device or system to form a larger safety solution. Built to adapt to your unique needs, WCP® seamlessly integrates your fleet's technology into a powerful network that prioritizes safety and efficiency. No matter the setup, WCP keeps your fleet ready for any challenge, focused on the goal that matters most: protecting the people you serve.



## BUILDING A STRONGER PLATFORM THROUGH PARTNERSHIPS

Our commitment to protect first responders drives us to partner with other industry leaders who also prioritize safety, reliability, and innovation. By collaborating with top companies across various fields, we're able to expand the capabilities of the Whelen Cloud Platform, integrating advanced tools and technologies that meet the evolving needs of first responders. Each partnership strengthens our platform, ensuring we can offer the most comprehensive, effective solutions to keep teams connected and communities protected.



For more information or to schedule a quick call or demo with a Whelen sales representative, visit [whelen.com/cloud](http://whelen.com/cloud) or scan the QR code.

**⚠️ WARNING:** These products may contain chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, visit [whelen.com/regulatory](http://whelen.com/regulatory).

**Core® Powered By WeCanX®**  
WHELEN ENGINEERING COMPANY, INC.

**WHELEN** 11  
MANUFACTURED IN AMERICA

## WECANX® CONTROL SYSTEMS

<b>C399</b>	Core® 200-Watt Amplifier Control Module, Flashing Outputs, Includes 3 CANport™ Signals, and Controls up to 99 Devices/Remote Modules, Control Heads Purchased Separately
<b>C399R</b>	Core-R® Control Module, Includes 8 Digital Inputs, 3 CANport Signals and Controls up to 99 Device/Remote Modules, Control Head and Other Optional Modules Purchased Separately, 10-30 VDC
<b>C399RD1</b>	Control Module, Includes 8 Digital Inputs, 1 WeCanX® Port and Controls up to 99 Device/Remote Modules, and One CEM16 Module Mounted in a Single Box, Control Head and Other Optional Modules Purchased Separately, 12 VDC
<b>C399RD2</b>	Control Module, Includes 8 Digital Inputs, 1 WeCanX Port and Controls up to 99 Device/Remote Modules, and Two CEM16 Modules Mounted in a Single Box, Control Head and Other Optional Modules Purchased Separately, 12 VDC
<b>C399S</b>	Core-S® 200-Watt Amplifier Control Module, Flashing Outputs, Includes 3 CANport Signals and Controls Up to 99 Devices/Remote Modules, Control Head and Other Modules Purchased Separately, 12 VDC
<b>C399SH</b>	Core-S 100-Watt Amplifier Control Module with 100-Watt Howler™, Flashing Outputs, Includes 3 CANport Signals and Controls Up to 99 Devices/Remote Modules, Control Head and Other Modules Purchased Separately, <b>Single Howler Mounting Bracket (HSB#) Purchased Separately</b> , 12 VDC
<b>C399S6</b>	Core-S Single Unit 200-Watt Siren with Integrated 3-Section Control Head and 8 Push-Buttons, 4-Position Slide Switch with a 7-Position Rotary Knob, Manual, Airhorn, Plus 3 Traffic Advisor™ Switches and Microphone with Extension Cable
<b>C399S6H</b>	Core-S Single Unit 100-Watt Siren and 100-Watt Howler with Integrated 3-Section Control Head and 8 Push-Buttons, 4-Position Slide Switch with a 7-Position Rotary Knob, Manual, Airhorn, Plus 3 Traffic Advisor Switches and Microphone with Extension Cable, <b>Single Howler Mounting Bracket (HSB#) Purchased Separately</b> , 12 VDC
<b>C399S7</b>	Core-S Single Unit 200-Watt Siren with Integrated 3-Section Control Head and 21 Push-Buttons, 4-Position Slide Switch, Microphone with Extension Cable
<b>C399S7H</b>	Core-S Single Unit 100-Watt Siren and 100-Watt Howler with Integrated 3-Section Control Head and 21 Push-Buttons, 4-Position Slide Switch, Microphone with Extension Cable, <b>Single Howler Mounting Bracket (HSB#) Purchased Separately</b> , 12VDC
<b>C399S24</b>	200-Watt Amplifier Control Module, Flashing Outputs, Includes 3 CANports and Controls Up to 99 Devices/Remote Modules, Control Head and Other Modules Purchased Separately, 24 VDC
<b>CCP9</b>	Core-C® Control Point and Switch Combination with 4-Position Slide Switch and 6 Push Buttons Plus One 5 amp Output for Auxiliary Lighting, LED TA Indicator, V2V Sync Capable, 10-30 VDC
<b>CCPKT</b>	Core Control Point for Use with WeCanX Devices when NOT Using CenCom Core® (For Use when not Purchasing a Lightbar)

## WECANX CONTROL HEADS

<b>CCTL5</b>	Includes Handheld Combination Microphone and Controller, 5-Position Progressive Light/Siren Control, 9 Push-Buttons and a Microphone Extension Cable
<b>CCTL6</b>	Includes 3-Section Control Head and 8 Push-Buttons, 4-Position Slide Switch with a 7-Position Rotary Knob, Manual, Airhorn, Plus 3 Traffic Advisor Switches and Microphone with Extension Cable
<b>CCTL7</b>	Includes 3-Section Control Head and 21 Push-Buttons, 4-Position Slide Switch, Microphone with Extension Cable
<b>CCTL8</b>	Includes 6 Push-Buttons and a 4-Position Slide Switch, Includes Microphone
<b>CCTL8LM</b>	Includes 6 Push-Buttons and a 4-Position Slide Switch (Microphone Not Included)
<b>CCTL9</b>	Includes 2-Section Control Head and 6 Push-Buttons with a 7-Position Rotary Knob, Microphone and Microphone Extension Cable
<b>CCTL9LM</b>	Includes 2-Section Control Head and 6 Push-Buttons with a 7-Position Rotary Knob, (No Microphone or Microphone Extension Cable)
<b>CCTL10</b>	Includes 3-Section Control Head and 21 Push-Buttons, 1 Master Push-Button, Microphone with Extension Cable
<b>CCTLHARN</b>	CenCom Core Control Head Harness Kit, for Use with any Non-Primary Control Head Excluding the CCTL5, Control Heads Purchased Separately
<b>CCTL11</b>	Includes 3-Section Control Head and 13 Push-Buttons, Microphone with Extension Cable, Pre-Labeled Control Buttons (Non-Changeable)
<b>CCTL11LM</b>	Includes 3-Section Control Head and 13 Push-Button (Microphone Not Included) , Pre-Labeled Control Buttons (Non-Changeable)

## SIREN AMPLIFIERS

<b>CEXAMP</b>	WeCanX External Amplifier
<b>CHOWLER</b>	Siren Amplifier with Two Speakers, Optional Vehicle Specific Mounting Brackets, No Charge When Purchased with Howler™ Siren
<b>CHWLDC15</b>	Siren Amplifier with One Speaker, Includes Mounting Bracket for 2015-2023 Dodge Charger
<b>CHWLDD36</b>	Siren Amplifier with One Speaker, Includes Mounting Bracket for 2021-2025 Dodge Durango
<b>CHWLF29</b>	Siren Amplifier with One Speaker, Includes Mounting Bracket for 2020-2025 Ford Police Interceptor Utility
<b>CHWLUNI</b>	Siren Amplifier with One Speaker, Includes Universal Mounting Bracket

## OBDII CANPORT™ INSTALLATION KITS FOR CORE®

<b>C399K1</b>	OBDII CANport™ Installation Kit for C399 for 2020-2022 Ford Interceptor Utility Used with Factory Option 61B, 2018-2022 Ford F-250/350, (Not for Use with Core-R® and C399S)
<b>C399K2</b>	OBDII CANport Installation Kit for C399 for 2019-2021 Chevy Colorado 1500 (Not for Use with Core-R and C399S)
<b>C399K3</b>	OBDII CANport Installation Kit for C399 for 2019-2024 Ram 1500, 2021-2023 Ram 2500/3500, 2018-2023 Dodge Charger and 2018-2025 Dodge Durango (Not for Use with Core-R and C399S)
<b>C399K4</b>	2020-2021 Ford Interceptor Utility Gateway Installation Kit for C399, for Use WITHOUT Ford 61B Factory Option (Not for Use with Core-R and C399S)
<b>C399K5</b>	2024 Ford E-Series, 2020-2021 Ford Expedition, 2020-2022 Ford F-250/F-350/F-450/F-550/F-600 Super Duty and 2020-2021 Ford Transit Gateway Installation Kit for C399 (Not for Use with Core-R and C399S)
<b>C399K6</b>	2021-2022 Chevy Tahoe and 2021-2022 Chevy Suburban Installation Kit for C399 (Not for Use with Core-R and C399S)
<b>C399K7</b>	2021-2023 Ford F-150 PPV, 2022-2024 Ford F-150 Lightning, 2020-2024 Ford Interceptor Utility, 2022-2023 Ford Escape, 2022-2024 Ford Expedition, 2021-2024 Ford Mustang Mach-E, 2024 Ford Maverick, and 2022-2024 Ford Ranger Installation Kit for C399 (Not for Use with Core-R and C399S)
<b>C399K8</b>	2021-2022 Tesla Model Y Installation Kit (Not for Use with Core-R and C399S)
<b>C399K9</b>	2022-2023 Chevy Silverado HD 2500-3500 (Not for Use with Core-R and C399S)
<b>C399SP</b>	SCANport™ Installation Kit for C399, See Vehicle Outfitter for Available Vehicle Make/Model/Year (Not for Use with Core-R and Core-S)

## OBDII CANPORT INSTALLATION KITS FOR CORE-R® AND CORE-S®

<b>C399RK1</b>	OBDII CANport Installation Kit for C399R and C399S Only, for 2020-2022 Ford Interceptor Utility Used with Factory Option 61B, 2018-2022 Ford F-250/350
<b>C399RK2</b>	OBDII CANport Installation Kit for C399R Only, for 2019-2021 Chevy Silverado 1500 SSV (Body Style), 2019-2021 Chevy Colorado 1500
<b>C399RK3</b>	OBDII CANport Installation Kit for C399R and C399S Only, for 2019-2024 Ram 1500, 2021-2023 Ram 2500/3500, 2018-2023 Dodge Charger and 2018-2025 Dodge Durango
<b>C399RK4</b>	Installation Kit for C399R and C399S Only, for 2020 Ford Interceptor Utility Gateway, for Use WITHOUT Ford 61B Factory Option
<b>C399RK5</b>	Installation Kit for C399R and C399S Only, for 2024 Ford E-Series, 2020-2021 Ford Expedition, 2020-2022 Ford F-250/F-350/F-450/F550/F-600 Super Duty, 2020-2021 Ford Transit Gateway and 2024 Ford E-Series
<b>C399RK6</b>	Installation Kit for C399R and C399S Only, for 2021-2022 Chevy Tahoe and 2021-2022 Chevy Suburban
<b>C399RK7</b>	Installation Kit for C399R and C399S Only, for 2021-2023 Ford F-150 PPV, 2022-2024 Ford F-150 Lightning, 2020-2024 Ford Interceptor Utility, 2022-2023 Ford Escape, 2022-2024 Ford Expedition, 2024 Ford Maverick, 2021-2024 Ford Mustang Mach-E and 2022-2024 Ford Ranger
<b>C399RK8</b>	Installation Kit for C399R and C399S Only, for 2021-2022 Tesla Model Y
<b>C399RK9</b>	Installation Kit for C399R and C399S Only, for 2022-2023 Chevy Silverado HD 2500-3500
<b>C399RSP</b>	SCANport Installation Kit for C399R and C399S, See Vehicle Outfitter for Available Vehicle Make/Model/Year (Not for Use with Core C399)

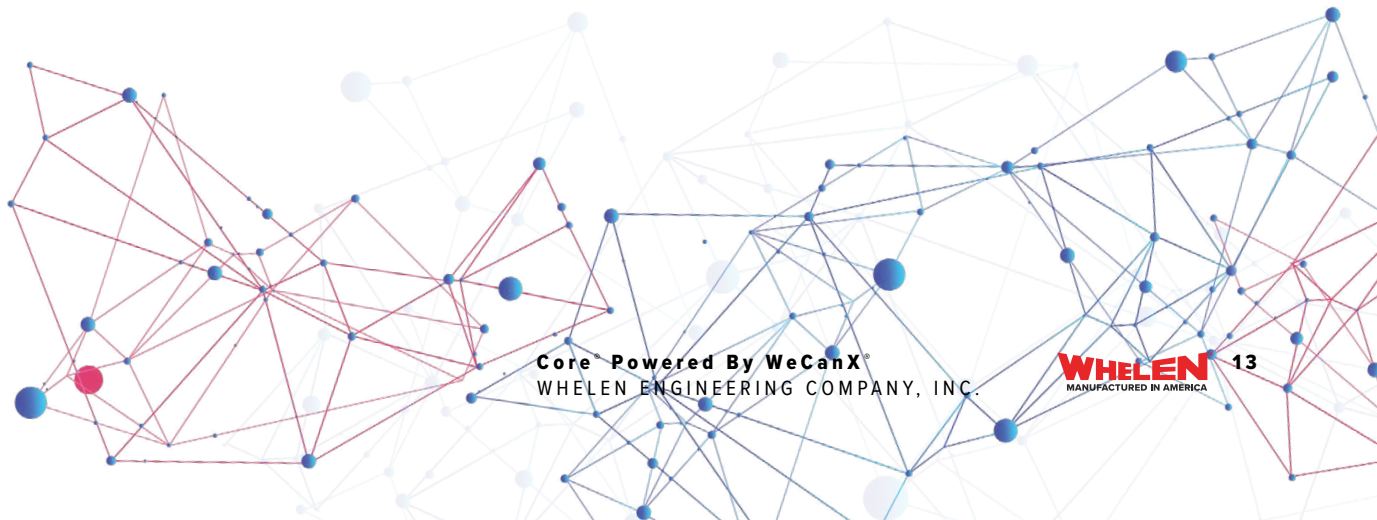
Note: Core-S utilizes the Core-R OBDII Cable. Please make sure that you use the C399RK\* when specifying Core-S. The C399K\* will not work as it uses a different connector.

## SYSTEM EXPANSIONS

<b>CEM8</b>	8 Output, 4 Input WeCanX® Expansion Module
<b>CEM16</b>	16 Output, 4 Input WeCanX Expansion Module
<b>CEM16D</b>	16 Output, 4 Input WeCanX Expansion Module, 10-30 VDC
<b>CEM24</b>	24 Output WeCanX Expansion Module, 10-30 VDC
<b>CEM4HC</b>	WeCanX High Current Remote Expansion Module, 4-15 Amp Output
<b>CTA</b>	WeCanX Traffic Advisor™ Remote Module, Traffic Advisor Purchased Separately

## OPTIONS

<b>CV2V</b>	Vehicle-to-Vehicle Sync Module, Includes Internal Antenna
<b>WCCBL100</b>	WeCanX® Communication Cable, Bulk, 100' (30.48m)
<b>WCXJB12</b>	WeCanX Junction Box, 12 WeCanX Data Connection Points, Allows Up to 11 WCX Devices to Be Connected to Core Control System
<b>CCS</b>	Core Cabin Speaker, For Previewing Digital Voice Message "DVM" and Supports Responder-to-Responder R2R™ Alerting when used with Whelen Cloud Platform. For use with Core and Core S.



# CORE<sup>®</sup> TECHNICAL SPECS



CENCOM  
**CORE**



**CORE-S**



**CORE-R**



**CORE-C**

<b>DIMENSIONS</b>	7.63" H x 10.07" W x 2.35" D	3.66" H x 6.93" W x 6.51" D	5.76" H x 5.46" W x 1.1" D (DOT: 3" H x 8.53" W x 13" D)	3.4" H x 4.4" W x 1.18" D
<b>SOFTWARE</b>	Whelen Command <sup>®</sup>			
<b>HARDWARE SUPPORT</b>	Up to 99 WeCanX <sup>®</sup> Devices			WeCanX Legacy <sup>®</sup> , Liberty <sup>™</sup> II, and Freedom <sup>®</sup> IV Lightbars, Inner Edge <sup>®</sup> FST <sup>™</sup> , RST <sup>™</sup> , and XLP Remote 8, 16, or 24 Output Expansion Module High Current Remote Expansion Module V2V Sync Module
<b>INPUTS</b>	12 Logic Inputs 4 Analog Inputs 1 Ignition Power-Up Input 17 Total Inputs	6 Digital Inputs 4 Analog Inputs 1 Ignition Power-Up Input 11 Total Inputs	3 Digital 4 Analog 1 Ignition Power-Up Input 8 Total Inputs	1 Ignition Power-Up Input
<b>OUTPUTS</b>	2 15A Outputs 4 10A Outputs 16 2A Outputs 22 Total Outputs 1 Dry Contact Relay Flashing Outputs Every Output Across System Can Be Synchronized	2 15A Outputs 2 10A Outputs 12 2A Outputs 16 Total Outputs 1 Dry Contact Relay Flashing Outputs Every Output Across System Can Be Synchronized	1 Dry Contact Relay	1 5A Output
<b>CONNECTIONS</b>	1 VSG <sup>®</sup> Connection 1 WeCanX Connection CANport <sup>™</sup> 1 USB-A Host 1 USB-C Supports Up to 99 Remote Modules	1 VSG Connection 1 WeCanX Connection CANport 1 USB-C Supports Up to 99 Remote Modules	1 VSG Connection 1 WeCanX Connection CANport 1 USB-C Supports Up to 99 Remote Modules	1 WeCanX Connection 1 USB-C Supports Up to 10 Remote Modules (Device Types May Vary)
<b>SENSORS</b>	Battery Voltage Sensor			
<b>DVI<sup>™</sup> PATTERNS AND TONES</b>	Gradually Increase or Decrease the Output Intensity within a Flash Pattern or Tone			Gradually Increase or Decrease the Output Intensity within a Flash Pattern
<b>TONE SYNC</b>	Sync Amplifiers and Speakers Together, Sync Tones with Lights (Patented)	-	Sync Amplifiers and Speakers Together, Sync Tones with Lights (Patented)	-
<b>WECANX CONTROL HEADS</b>	CCTL5, CCTL6, CCTL7, CCTL8, CCTL9, CCTL10, CCTL11, CCTL8LM, CCTL9LM, CCTL11LM	Integrated Control Head Options (CCTL6, CCTL7) Remote Control Head Options (CCTL5, CCTL6, CCTL7, CCTL8, CCTL9, CCTL10, CCTL11)	CCTL5, CCTL6, CCTL7, CCTL8, CCTL9, CCTL10, CCTL11	-
<b>DIAGNOSTICS</b>	Has Diagnostic Indicator			
<b>CERTIFICATIONS</b>	Meets All Applicable SAE and California Title 13 Requirements with Various Whelen Speakers			-
<b>WARRANTY</b>	10-Year Warranty			

# WeCanX<sup>®</sup> CONTROL HEADS

Ergonomically designed for situational awareness, WeCanX control heads are completely configurable. Models support flashing indicator LEDs and can also run system diagnostics. The new passthrough WeCanX connection on the back of the control heads contributes to less wiring and an easier install.



## CCTL5

- Handheld 5-position
- 9 push-buttons
- Microphone extension cable



## CCTL6

- 4-position slide switch
- 13 push-buttons
- 7-position rotary knob



## CCTL7

- 4-position slide switch
- 21 push-buttons



## CCTL8

- 4-position slide switch
- 6 push-buttons



## CCTL9

- 6 push-buttons and 7-position rotary switch
- Microphone plug



## CCTL10

- 22 push-buttons
- Microphone with extension cable



## CCTL11

- 13 push-buttons
- Microphone with Extension Cable

**⚠ WARNING:** These products may contain chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, visit [whelen.com/regulatory](http://whelen.com/regulatory).

Core<sup>®</sup> Powered By WeCanX<sup>®</sup>  
WHELEN ENGINEERING COMPANY, INC.

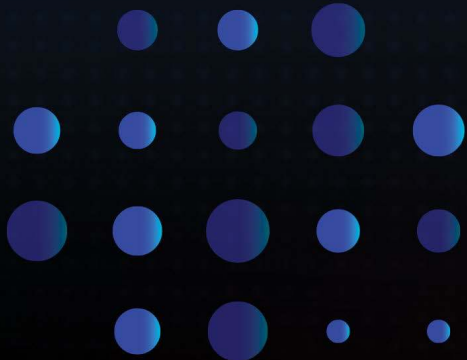
**WHELEN** 15  
MANUFACTURED IN AMERICA



# CORE<sup>®</sup>

## CONTROL SYSTEMS

Your Fleet's Most Powerful Ally



# WHELEN<sup>®</sup>

MANUFACTURED IN AMERICA

@WhelenENG



Preferred Warning Lights of 



Discover more at [whelen.com/core](http://whelen.com/core)

Whelen Engineering Company  
(860) 526-9504  
[www.whelen.com](http://www.whelen.com)

Whelen Engineering reserves  
the right to upgrade and improve  
products without notice.

© 2025 Whelen Engineering Company,  
Inc. Printed in U.S.A.  
Code No. B13349P - 07/25

All products proudly designed, manufactured,  
and assembled in the U.S.A.  
• ISO 9001 Registered QMS