

CONTROL SYSTEMS

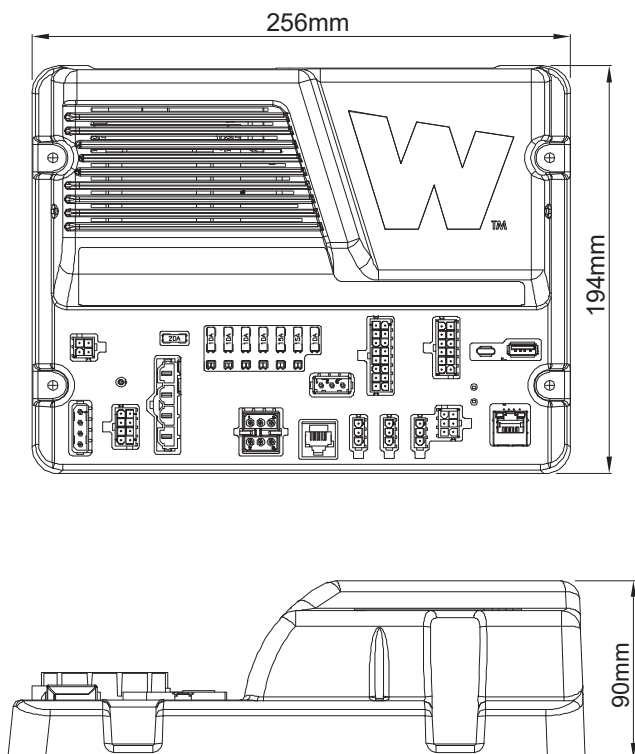
CenCom Core®

WHELEN®



Whelen® is redefining control systems with CenCom Core™. With the greatest configurability, speed, and expansion yet, CenCom Core™ is a system created to enhance officer safety with advanced automation and remote connectivity.

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



Key Features

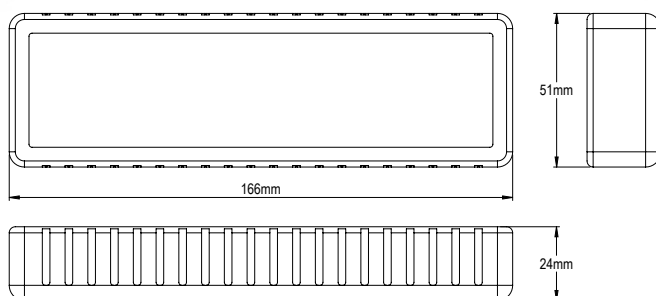
- WeCanX™, our newest CAN-based communication system provides true system synchronisation, greater speed capabilities, expanded peripheral add-ons, and full support of diagnostics.
- Advanced customisation with support of 99 WeCanX™ devices (lightbars, switch panels, etc), allowing you to customise the Core™ in ways never before possible in a control system.
- Processes over 65,000 virtual inputs.
- Vehicle-to-Vehicle Sync automatically synchronises lights and tones on vehicles within close proximity to improve scene effectiveness and aid approaching motorists safety.
- Dynamic Variable Intensity™ patterns gradually increase or decrease the output intensity for night-time emergency scenes.
- Flashing outputs allow for true synchronisation between Whelen® lightbar and lightheads.
- Internal audio storage for playback of pre-recorded messages for in-vehicle activation confirmation or PA broadcasting.
- Integrated 200W Siren Amplifier.



Outputs	2 15A outputs; 4 10A outputs; 16 2A outputs; 1 dry contact relay; 23 total outputs Flashing outputs; Every output across the system can be synchronised
Inputs	12 logic inputs; 1 ignition power-up input 4 analog inputs 17 total inputs
Connections	1 ethernet connection; 1 WeCanX™ connection; 2 CANport™ (UK library coming soon) 1 USB-A host; 1 USB-C; 1 Micro SD card slot 99 remote modules
Sensors	Battery voltage sensor; Temperature sensor; 3 axis accelerometer sensor
DVI	Gradually increase or decrease the output intensity within a flash pattern or tone
Tone Sync	Sync multiple amplifiers and speakers together Sync siren tones with lights (Patent-Pending)
Diagnostics	Has diagnostic indicator
Expansion Modules	Woodway's Multi-Link Switch Panel, Lightbars, External Amplifier, External Howler Siren, Remote 8 or 16 Output Expansion Module, WeCanX™ Control Point and Input Expansion Module, Traffic Advisor™ Module, V2V Sync Module

CONTROL SYSTEMS

Multi-Link



The CenCom Core™ comes complete with Woodway's newest switch panel - The Multi-Link - which connects directly to the control system. Featuring a sleek design with silicone housing and bespoke, coloured legends.

Key Features

- 15 button switch panel
- Latching, momentary and stand alone warning lights
- Adjustable back lighting on switches; back illumination and warning illumination can be changed
- Built in PA microphone
- Adjustable sleep mode
- Multiple Multi-Links can connect to the same Whelen® Core™ system
- Two way communication

