

IC BUS®
CE SERIES



THE NEXT GENERATION
IC BUS® CE SERIES SCHOOL BUS

THE NEXT GENERATION IC BUS® CE SERIES

AHEAD OF ITS CLASS

When it comes to transporting our most precious cargo, only the best will do. That means a bus that has some of the latest safety technology, is built with high-quality materials, offers forward-thinking propulsion options and provides drivers with everything they need to be successful.

It means a company willing to go above and beyond all expectations with engineers who are never satisfied with the status quo. Introducing the Next Generation CE Series. And welcome to a new era in school transportation.



SAFETY. FIRST AND FOREMOST.



A NO-COMPROMISE APPROACH TO SAFETY

Of all the requirements IC Bus engineers are tasked with when designing a new bus, one rises above the rest: it must be a safe means of transportation for the children who ride inside. It's an enormous responsibility and something that we never take for granted.

That's why the next generation CE Series includes the very latest in safety technology. These safety features are essential when it comes to providing the driver with extraordinary situational awareness; enabling them to keep the students riding behind them out of harms way.

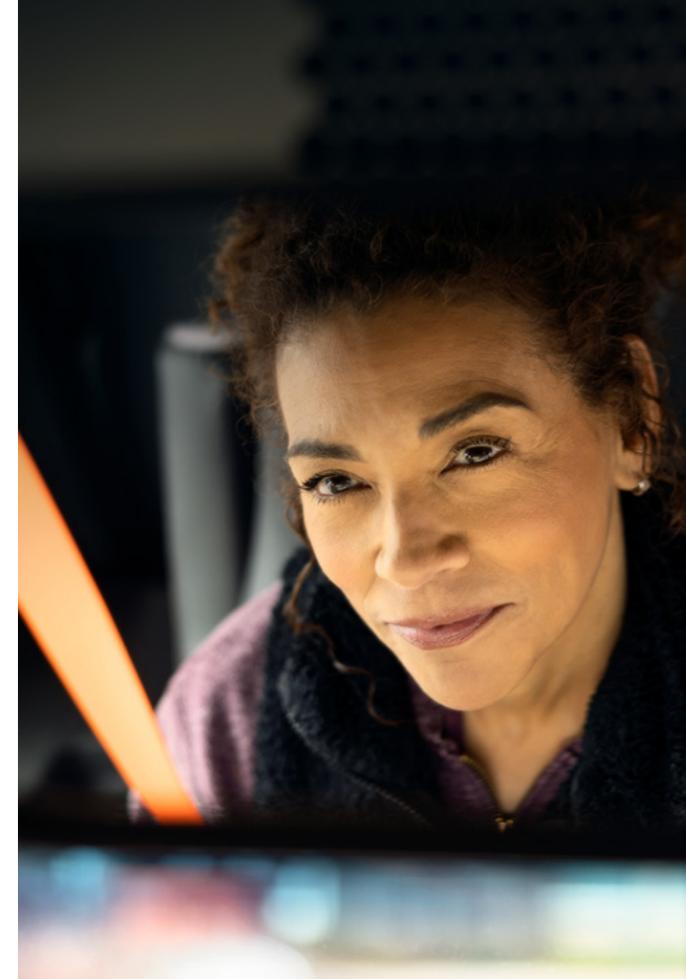
STANDARD KEY SAFETY FEATURES:

- Bendix® Intellipark® electronic parking brake standard (on air brake units)
- Bendix® Wingman® Advanced™ Safety Package (air brake units) - including Active braking capabilities for collision avoidance, following distance alerts, adaptive cruise and more
- No Student Left Behind child monitoring system
- Single panel glass on entrance door for improved driver visibility
- Entrance doors integrated into dash cluster, providing 'Door Ajar' warning if bus reaches certain speed prior to door being fully closed
- Daytime running headlights with automatic twilight sensor
- Electronic stability control



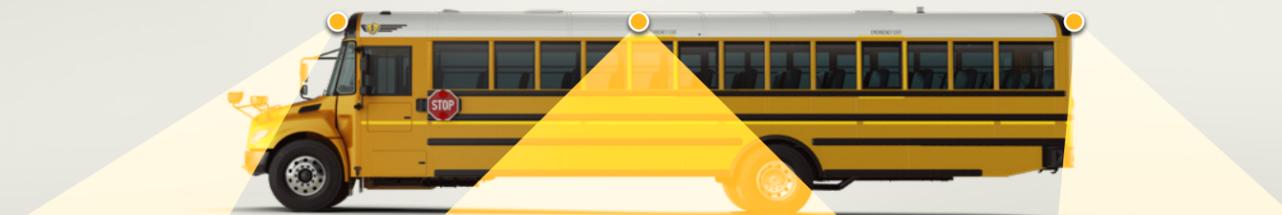
A CLEAR VISION

Visibility is crucially important to any school bus driver. Children of all heights walk next to, in front of, behind and toward the bus - and being able to see them is the only way to ensure they are kept safe. The Next Generation CE Series includes several enhancements that help boost the situational awareness of the driver.



IC BUS® FULL VIEW CAMERA TECHNOLOGY™ BY ROSCO

IC Bus is proud to offer the industry's first camera system designed specifically for school buses. Combined with the side mirrors, this advanced system will allow bus drivers to have a "full view" around the bus for total situational awareness so they can concentrate on driving and keeping kids safe.



FULL VIEW CAMERA FEATURES

- Provides driver views based on the situation at hand, such as backing up, opening the door or a view to the side or front of the bus
- This purpose-built camera technology is designed to not overload the driver with too much information, but instead provide them with the right information at the right time
- Gives the driver a greater feeling of security and peace of mind with the combination of the full view camera technology and driver mirrors
- Provides accurate visibility to the areas that matter most around the bus



- Entrance door features single-panel bonded glass and is aligned with the driver seat for enhanced side visibility.
- Rounded, three-piece windshield with no center post includes a shaded band standard to help reduce sun glare.
- Completely integrated driver HVAC system with improved defrost performance by 50% over prior model allows for quicker and more complete clearing of the windshield.
- Sloped hood design is angled and provides more than 11 inches of improved ground visibility in front of the bus over prior model.

- Standard daytime running lights with automatic twilight sensors help increase the visibility of the bus to other drivers and pedestrians.
- Available LED-enhanced, down lit cross-view mirrors illuminate the road when the park lights are on and the stop arm is extended to illuminate pedestrians and objects in the front danger zone.
- Available LED headlights and marker lights offer a higher lumen output and are longer lasting compared to halogen bulbs.



INTUITIVE PROTECTION

The Bendix® Wingman® Advanced™ Safety Package uses radar and an optional video camera (Fusion package) to scan the forward path of the bus. If a slower moving or stopped vehicle is detected, the system is designed to reduce the severity and likelihood of a rear-end impact through automatic braking and audible alerts.

This integration of various technologies creates a highly detailed data picture that can significantly reduce the chance of a false alert or activation.

The Next Generation CE Series was designed from the beginning to utilize active safety. In fact, the alerts are now integrated into the gauge cluster as opposed to being mounted atop the instrument panel in previous models.

FOLLOWING DISTANCE ALERTS

The radar can also be used to maintain a safe following distance when the adaptive cruise control is engaged. Radar has many advantages, including the ability to read objects through all weather conditions, such as rain, snow, smoke and fog.

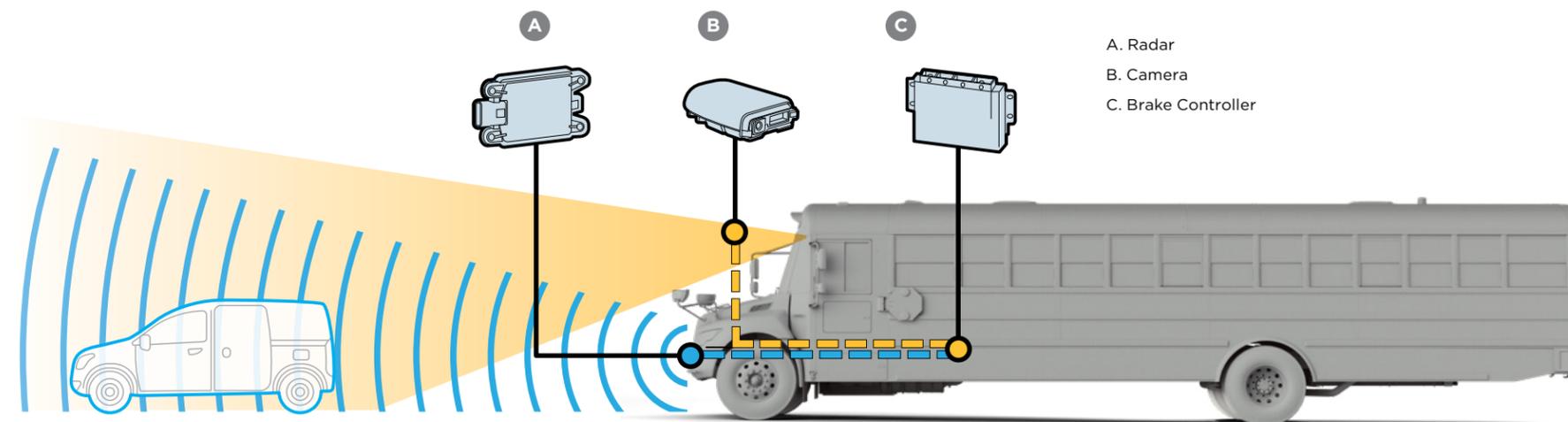


LANE DEPARTURE WARNING (available with camera)

The camera can detect if the bus unintentionally departs the lane without the turn signal activated, and will sound an alarm and provide a visual alert. This is particularly valuable during driver distraction or drowsiness situations.

SUPPORTING SAFE DRIVING

SITUATION	POSSIBLE CAUSE	ACTIVE SAFETY
Rear End Collisions	Distracted driver	Can reduce the likelihood or severity of rear-end accidents by providing following distance alerts and if needed, will apply the brakes to help the driver avoid the collision or help reduce its severity
Overly Aggressive Drivers	Bus is too close to the forward vehicle	Following distance alert will beep when following too closely
Limited Sight in Poor Weather Conditions	Snow, rain, smog, smoke, fog, sleet	Radar capabilities that can see potential dangers before the human eye can
Excessive Speed	Traveling above posted speed limit on highways	Optional camera can recognize posted speed limits and alert the driver at +5 mph over; at +10 mph over, alert and 1.0 second engine de-throttle will occur



DESIGNED WITH DRIVERS IN MIND



KEEPING THE DRIVER INFORMED, COMFORTABLE AND CONNECTED

Every successful trip begins and ends with the driver. That's why we empower them with tools that elevate their comfort, efficiency, and situational awareness in a meaningful and nonintrusive manner.

It's a philosophy we call DriverFirst™ which is our commitment to do everything we can to provide a working environment that puts drivers in a position to succeed. After all, it's hard enough to find committed drivers, let alone retain them. So, if we're able to help by providing a bus that drivers want to drive, then everyone wins. Your district wins by retaining an experienced driver, the driver wins by building a stable and satisfying career and, most importantly, the kids win by boarding a bus each morning driven by someone who loves their job.



DRIVERFIRST™



1. **Ergonomic wing instrument panel** is angled toward the driver with switches that are easy to read and reach.
2. **Premium dash cluster** with a 5-inch digital color display with custom view options including real-time fuel economy, speedometer and tachometer, gear selection indicator, safety indicators and distance to empty.
3. **USB-A and USB-C charging ports** are conveniently located to left of driver (in storage bin) and on right side of instrument panel.
4. **Back-lit, color-coded steering wheel switches/controls** with cruise control plus four switches that are programmable with Diamond Logic® Builder software.
5. **Driver light pre-check switch** conveniently located on the dash to check all exterior light bulbs. All exterior lights will flash while driver performs pre-check.
6. **Full range of driver seat options** to accommodate drivers of all shapes and sizes.
7. **Tire pressure monitoring system (TPMS)** (optional) provides real-time tires status including low pressure, extreme low pressure, high pressure, high temperature and more.
8. **Bendix® Intellipark® electronic parking brake** with dash-mounted switch integrated in cluster (air brake units only) electronically engages parking brake when critical interlocks are met, indicating that the vehicle is not parked and the driver does not have control.
9. **Stalk shifter** for transmission control mounted on steering column allows the driver to easily reach and operate shifting and engine braking while keeping their eyes on the road.
10. **Integrated driver HVAC system** with multiple, intuitive control settings within an arm's reach with additional venting for faster and more complete defrosting as well as overall driver comfort.
11. Improved left-hand drivers area including storage bin with more usable space and an easy-to-reach 44 oz cup holder.
12. Trash bin with double capacity (optional) with designated area forward of the stepwell.



A BUS BUILT TO LAST

From sizable potholes to boisterous students, a school bus must face daily punishment. That's why the CE Series is built to the highest standards at our production facility in Tulsa, Oklahoma.

Materials have been carefully chosen for their durability and advanced steel coatings help provide a robust defense against corrosion. In addition, areas under the hood that require routine maintenance are conveniently located to help you stay ahead of potential issues.

DURABLE CONSTRUCTION:

16-gauge steel body and interior panels for longevity and structural integrity

14-gauge steel threaded body bows with continuous runners connecting all roof bows for ruggedness and superior strength

Stamped parts used wherever possible during construction; provides increased strength and tighter tolerances

Meets or exceeds FMVSS/CMVSS

ENHANCED CORROSION RESISTANCE:

New one-piece driver floor mat reduces potential corrosion and maintenance costs, plus is easier to keep clean

Naviflex coated stepwell* provides superior corrosion resistance

Interior modesty panels treated with 90G/90G galvanized coating and then painted for enhanced corrosion resistance

TIME-SAVING SERVICEABILITY:

Improved accessibility to routine maintenance items - HVAC filter & air dryer (under the hood), fuel filter now outside frame rail, stepwell heater accessibility from inside stepwell, oil filter now more accessible

Electrical panel/fuse block arrangement:

- Instrument panel fuses located inside the bus with chassis fuse block with spill resistant cover
- Body fuse block outside of bus in electrical panel under driver's window

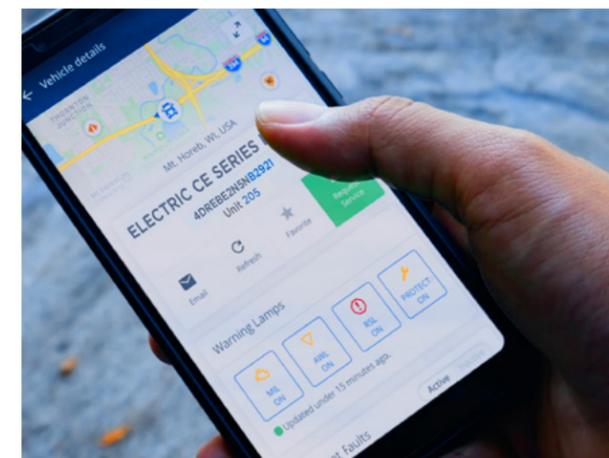
Diamond Logic® electrical system enables programming of body integration and driver efficiency features; common uses include exterior light check for pre-trip inspections, "No Student Left Behind" post-trip inspection monitor, lights on with windshield wipers, and customization of interlocks for dome light



* Also available on bumpers and fuel tanks

CONNECTED TECHNOLOGY TO BOOST ON-TIME PERFORMANCE

Knowledge is power. And when you're armed with the data you need to make informed decisions, the outcomes are always better. IC Bus offers powerful tools that can not only help you stay ahead of issues, but accelerate repair times when a bus is in for service. So whether you operate one bus or an entire fleet, you'll have access to a powerful set of tools and resources for maximizing uptime and operational efficiency.



Now standard on all new vehicles — factory-installed telematics including 5 Year subscription. We deliver proactive tools that help reduce unplanned downtime, increase safety and drive on-time performance

Connectivity includes:

ONCOMMAND® CONNECTION (OCC)

- 24/7 access and visibility to real-time vehicle diagnostics and predictive maintenance tools
- Visibility to current vehicle location and route history
- Monitor driver performance including harsh braking, hard acceleration and idle time reporting

IC BUS® 360 SERVICE COMMUNICATIONS:

- Seamless communication with dealers and up-to-date repair status
- Complete VIN-based information – asset specs, complete parts catalog, remote health data, and more
- Online service request initiation and estimate approvals
- Complete service history, up-to-date campaign information, and engine calibration status

PROVEN RESULTS:

- 83% of users have experienced a reduction in the number of emails and phone calls regarding service communications.
- 30% improvement in service repair time and unplanned service events when utilizing IC Bus 360 and OCC.



NEXT GEN POWERTRAINS

School bus fleets are rapidly transitioning to electric. In most cases, it makes perfect sense thanks to consistent routes, a central depot to charge and readily accessible funding assistance. But not all routes or districts are suited for electric – and that’s why we offer both options. The tried-and-true Cummins® B6.7L provides the power you need with a low total cost of ownership and impressive uptime. Those who choose the Next Generation Electric CE Series can rest easy knowing that it has been designed from the get-go to run on electric propulsion with its incredible torque and quiet, calm-inducing ride. Whichever direction you go, the future has never looked brighter.





ZERO EMISSIONS



IC Bus helps customers plan, execute and optimize zero-emission vehicles and investments for the entire lifecycle. We design scalable, end-to-end solutions around your specific needs.

Our team of zero-emission subject matter experts is ready to help fleets and school districts everywhere develop a fully integrated and scalable zero-emission strategy. The consulting process includes the evaluation of requirements and efficiencies, route simulations, plus education on all available funding sources, grants, and tax incentives.

THE EV ROADMAP FOR A SEAMLESS TRANSITION:



Step 1 | CONSULTING

Find the best way forward

Our discovery workshops dive into your fleet's electrification needs and concerns, building a customized EV roadmap for success.



Step 2 | CHARGING

Lay the groundwork

We assess the placement of hardware and infrastructure, finding the best ways to support your vehicle charging and uptime.



Step 3 | DEPLOYMENT

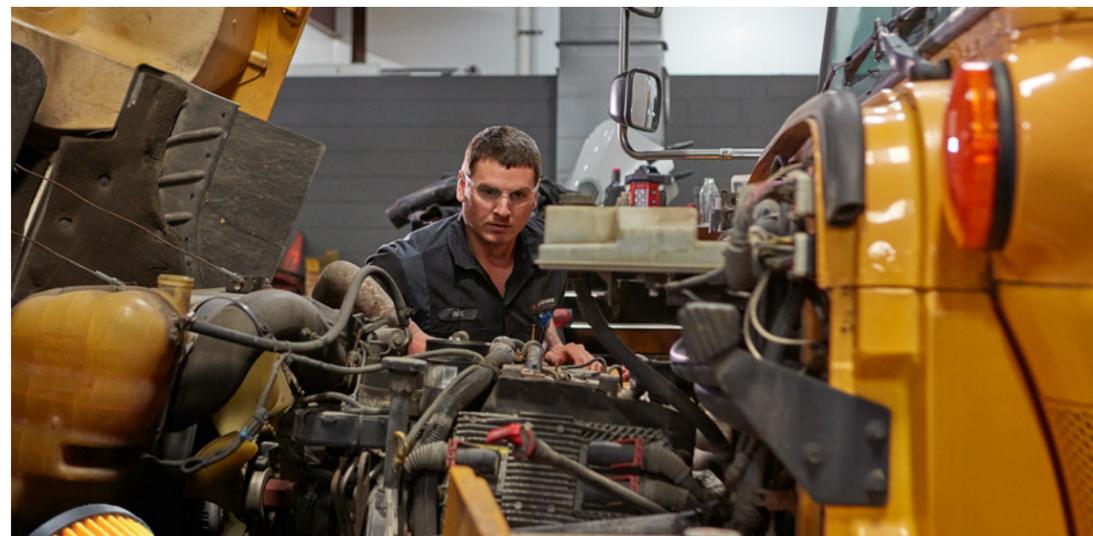
Bring it all together

We ensure your charging locations, staff, and remote diagnostics are prepared for your electric vehicle to hit the road.



**WE HAVE
YOUR BACK,
SO YOU CAN
KEEP MOVING
FORWARD**

We understand that getting kids to and from school on time every time, isn't optional, it's required. That means your fleet must be up and running the entire school year. Dependable equipment spec'd for your needs and requirements is just the beginning. Our preventive maintenance programs combined with our vast network of service locations help make sure downtime is kept to a minimum with no surprises for your students or your budget.



**PARTS YOU NEED
WHERE AND WHEN
YOU NEED THEM**

It is our goal to provide you, the customer, with an unparalleled ownership experience. To be your preferred partner, not just for the sale of the vehicle, but throughout its lifecycle. Below is a sampling of our value-add services focused on reducing your operating costs and driving on-time performance.

- State-of-the-art, Award-winning Parts Distribution Centers
- All-makes Fleetrite® and ReNEWed® Reman Parts Offering
- Fleet Charge® account standardization - pricing & billing
- Ability to customize extended service contracts - flexibility you need with peace of mind you deserve.
- Connected services built to make data visible, easy to understand & actionable
- Diagnostics & service tools
- Training opportunities
- Over 700+ dealer locations
- Parts Return Program
- One-stop-shop Warranty Processing
- eCommerce Online Parts Ordering
- Dealer Uptime Advocate and Uptime Command Center





www.icbus.com

SPECIFICATIONS, DESCRIPTORS AND ILLUSTRATIVE MATERIAL IN THIS LITERATURE ARE ACCURATE AS KNOWN AT TIME OF PUBLICATION, BUT ARE SUBJECT TO CHANGE WITHOUT NOTICE. ILLUSTRATIONS MAY INCLUDE OPTIONAL EQUIPMENT AND ACCESSORIES, AND MAY NOT INCLUDE ALL STANDARD EQUIPMENT. IC BUS, ONCOMMAND, INTERNATIONAL, DIAMOND LOGIC, FLEETRITE, DRIVERFIRST, IC BUS FULL VIEW CAMERA TECHNOLOGY, AND DIAMOND EDGE ARE ALL TRADEMARKS OR SERVICE MARKS OF NAVISTAR, INC. BAD21002 07/2023

© 2023 NAVISTAR INC. ALL RIGHTS RESERVED. ALL MARKS ARE TRADEMARKS OF THEIR RESPECTIVE OWNERS. LITHOGRAPHED IN THE UNITED STATES OF AMERICA.