



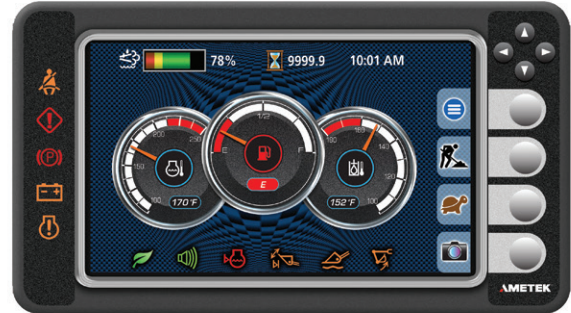
# CAN Communicator C-COM 7G

## Features

- ◆ 7-inch TFT LCD display, 262k colors
- ◆ In-plane switching (IPS) for wide viewing angle
- ◆ Capacitive touchscreen available
- ◆ Resolution: 800 x 480
- ◆ Portrait or landscape mode
- ◆ Sealed to IP67 specifications front and rear
- ◆ Operating temperature: -40°C to +85°C
- ◆ Storage temperature: -40°C to +85°C
- ◆ SDRAM: 512MB
- ◆ Flash: 4GB eMMC
- ◆ 2 CAN J1939 ports (250/500k)
- ◆ Ethernet, 10/100 mbps
- ◆ Real time clock with timekeeping backup
- ◆ Up to 3 video inputs, CVBS
- ◆ Audio streaming and direct pass-through
- ◆ Internal buzzer
- ◆ +9 to +32 VDC operating voltage
- ◆ 5 dimmable LED dedicated icons (3 dual-color)
- ◆ 4 buttons with additional 4-button navigation
- ◆ 1 high speed USB host output
- ◆ 5 switch to battery inputs
- ◆ 2 switch to ground outputs (one can be configured as a pulse width modulated output)
- ◆ Up to 12 analog inputs
- ◆ 2 frequency inputs

## Applications

- ◆ Construction equipment, cranes and road-building
- ◆ Farm and agricultural vehicles
- ◆ Earth-moving and mining vehicles
- ◆ Buses, coaches and recreational vehicles
- ◆ Heavy trucks
- ◆ Military vehicles
- ◆ Forklifts, wheel loaders and skid steers
- ◆ Utility and emergency vehicles
- ◆ Stationary engine instrumentation



AMETEK VIS' C-COM 7G display is part of the CAN Communicator family of rugged products that can satisfy the instrumentation requirements for all vehicle platforms.

The optically bonded, high resolution display provides a rugged, easy to read interface with any vehicle or system. The 8 push button switches allow for easy navigation, with button prompts and navigation switches. The capacitive touchscreen is glove, water tolerant, and multi-touch capable.

C-COM 7G features five dedicated LED icons for critical data, three of them dual color capable with red or amber. The real time clock has up to 11 days of backup timekeeping with no battery connection. Audio and video capabilities allow for support of in vehicle training videos, utilizing existing speakers in the vehicle cab. The high speed USB host output allows for phone battery charging with ample protection, and provides a host port for software upgrades, GPS, Wi-Fi, or Bluetooth.

Software development is supported either through our Linux based board support package (with QT and VAPS as the recommended tools) or as a collaborative effort with our engineering team.

C-COM 7G is sealed to IP67 specifications both front and rear. Designed to withstand harsh conditions typical of off-road environments, the display meets all SAE J1113 and J1455 requirements for vehicular instrumentation.

**AMETEK**<sup>®</sup>  
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