



Features

- Rugged hardware engineered and certified to MIL-STD 810G and IP65 standards
- High-quality 8.1" full-color display is easy to read and use in day and night conditions
- High-performance Intel CPU and GPU with Windows 10 Professional operating system
- Flexible docking, expansion and interface options for system interfacing
- Broad wireless communications support including 4G/LTE cellular, Wi-Fi, and Bluetooth
- Available with built-in dedicated GPS, full HD webcam and 8MP auto-focus camera
- Wired communications support including Ethernet and RS232 ports
- Fully battery backed solution

Cubic Driver Control Unit 4 (DCU4)

A Driver Control Unit (DCU) is an intelligent management and communications device that interfaces with Automated Fare Collection (AFC), Real-Time Passenger Information (RTPI), and other transit related systems.

Facilitates Safer Command of Transit Vehicles by Drivers

Ensuring public safety is a vital concern of transit agencies, and improving driver efficiency contributes to protecting the community, passengers, drivers and vehicles. The Cubic DCU 4 provides a single point for the monitoring and management of on-vehicle systems, using easy-to-see displays with easy-to-use user interface – can use gloves on touch screen as well as with side buttons – to maximize driver attention on the safe operation of their vehicles.

Simplifies Transit Operations by Offering a Fully Integrated Solution

DCU 4 offers flexible support for transit and vehicle systems using a fully-integrated collection of Cubic software and partner hardware. This allows drivers to use one familiar screen to interact with diverse on-board systems including fare boxes, signage, vehicle locators, and driver communications. A unified point of control increases driver efficiency and can help to reduce training requirements.

Specifications

Partners

Tablet: Getac T800

Software

Operating System: Windows® 10 Professional

Hardware

Security: TPM 2.0; NIST BIOS compliant

Display: 8.1" IPS TFT LCD HD (1280 x 800) 600 NITs LumiBond® 2.0 sunlight readable display with multi-touch technology

Indicators: Power, battery, and network status

Keypad: Six tablet buttons: Power, Windows, Programmable, Camera Capture/ Barcode Reader Trigger, Volume Up & Volume Down

Cameras: Optional FHD webcam x 1, Optional 8MP auto focus camera

CPU: Intel® Atom Processor x7-Z8700 1.6GHz (up to 2.4GHz); 2MB Cache

Memory: 4GB LPDDR3 expandable to 8GB

Storage: eMMC 64GB / 128GB

Communications: Intel Dual Band

Wireless-AC 7265, 802.11ac, Bluetooth (v4.0)

Connections: DC in x 1;

USB 3.0 x 1;

Docking port x 1;

Headphone out/Mic-in Combo x 1;

Micro HDMI x 1

Power

AC: AC Adapter (65W, 100-240VAC, 50/60Hz)

Battery: Li-Ion battery (7.4V, 4200mAh)

Physical

Height: 8.93 inches (227mm)

Width: 5.94 inches (151mm)

Depth: 0.94 inches (24mm)

Environment

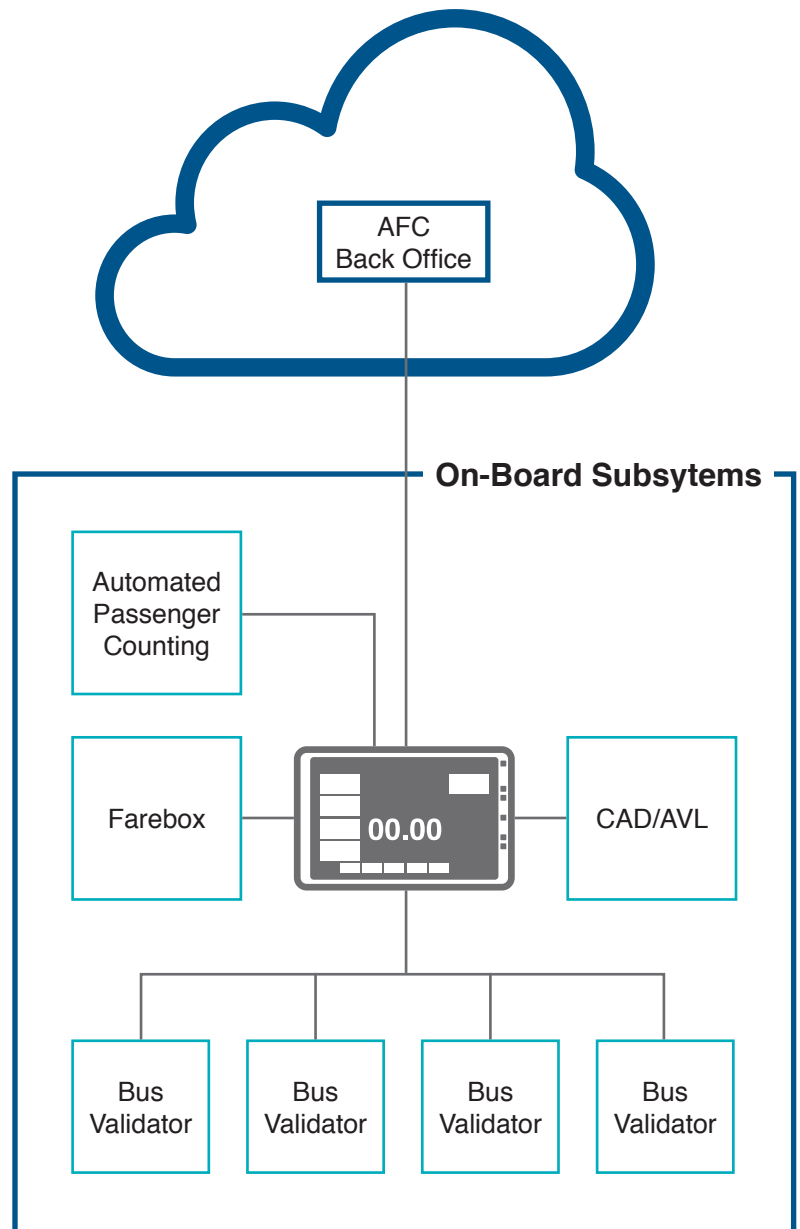
Operating: -5.8° F to 122° F / -21°C to 50°C

Storage: -40°F to 160°F / -40°C to 71°C

Humidity: 95% RH, non-condensing

Ruggedness: MIL-STD 810G and IP65 certified
Vibration, drop, temperature & humidity resistant

In the interests of product improvement Cubic reserves the right to change the above specifications without notice.



**The DCU4 is the hub
to integrate all bus subsystems**