

OCU-III for Rail

ACCUSPEED™



DURABILITY PLUS LIGHTWEIGHT CONVENIENCE

HIGHLIGHTS

- Impact-resistant nylon enclosure
- Language support: English, Chinese, Korean
- Bluetooth® integration

FEATURES

- Lighter weight
- Internal archive record
- Embedded GNSS receiver
- Switch usage statistics recorded in internal archive record
- Operating temperature: -30° C /+50° C (-22° F / +122° F)

MODELS

- STS/ATS 217 – 225 MHz
- CAI-12 217 – 222 MHz
- STS 450 – 470 MHz

SPECIFICATIONS COMPARISON

ATTRIBUTES	OCU	OCU-III
Size (inches)	3.9W x 12.2L x 4.8H	3.7W x 10.6L x 4.9H
Weight (with battery)	4lb 6oz	2lb 15oz
Housing Material	Magnesium	PA12
Display	LED - 10 digits	Graphics LCD 32x122 pixels, 3 lines
Antenna	External - Monopole	Internal Helical/Dipole (UHF) External Monopole (VHF)
Output Power	1 Watt	2 Watts
Battery Technology	NiMH / Li-Ion	Li-Ion
Bluetooth®	Not available	Diagnostic Support





OCU-III OPTIONS AND FEAUTRES FOR ACCUSPEED SYSTEMS

FEATURES	SPECIFICATIONS
OLED Display	With three lines and sixteen characters per line, the OCU-III display provides visibility that allows more efficient operations. The first two lines display messages sent by the MCU (Machine Control Unit) with no scrolling required. The third line displays messages local to the OCU-III, such as Operator Requested Status
Bluetooth® Integration	<ul style="list-style-type: none"> • Improve the efficiency of service operations and decrease downtime of control units through the Bluetooth interface. The OCU-III performance data can be downloaded from the OCU-III without additional cables or opening the unit to obtain critical service data • This wireless connection is also used to update firmware and configuration parameters when connecting with a properly licensed software tool
Infrared Configuration Updates	The OCU-III has the ability to pair with the locomotive MCU and uses infrared to download unique configuration details of the RCL-II. Updating the MCU predefined messages over infrared decreases the need to manually configure units and will increase the time that units are available for operation in the field
Embedded GNSS Receiver	<ul style="list-style-type: none"> • An embedded GNSS (Global Navigation Satellite System) enables the OCU location to be logged in the internal archive record for later review. For North American users, this GNSS receiver tracks the GPS constellation • A proprietary feature for forwarding the OCU location data to the MCU is available as an option
Embedded Accelerometer	<ul style="list-style-type: none"> • An embedded accelerometer monitors OCU tilt, motion and other operations to improve operator safety • The accelerometer is self-checked at power up and continually during operation
Battery Charger	Single and six-unit chargers are designed to charge the rechargeable Li-Ion battery. The charger rapidly charges the OCU-III battery and monitors the battery for safe charging



North America: +1.234.806.0018 | Sales.US@Cattron.com
 Europe: +49.2151.4795.0 | Sales.EU@Cattron.com
 UK: +44.1932.238121 | Sales.UK@Cattron.com
 South America: +55.19.3518.7030 | Sales.BR@Cattron.com
 Asia: Sales.CN@Cattron.com



cattron.com

OCU-III FOR RAIL AS_EN_201902

Any information furnished by Cattron™ and its agents is believed to be accurate and reliable. All specifications are subject to change without notice. Responsibility for the use and application of Cattron products rests with the end user since Cattron and its agents cannot be aware of all potential uses. Cattron makes no warranties as to non-infringement nor as to the fitness, merchantability, or sustainability of any Cattron products for any specific or general uses. Cattron Holdings, Inc., or any of its affiliates or agents shall not be liable for incidental or consequential damages of any kind. All Cattron products are sold pursuant to the Terms and Conditions of Sale, a copy of which will be furnished upon request. When used as a tradename herein, Cattron means Cattron Holdings, Inc. or one or more subsidiaries of Cattron Holdings, Inc. Cattron™, corresponding logos, and other marks are trademarks or registered trademarks of Cattron Holdings, Inc. Other marks may be the property of third parties. Nothing herein provides a license under any Cattron or any third party intellectual property right.