



# GECMA IS 10.1" Tablet PC

Stay connected and minimise human error with ultimate flexibility, mobility and efficiency.



The MTL GECMA range has been designed to address the environmental challenges of obtaining visualisation within harsh and hazardous areas.

Building upon decades of experience and expertise and the significantly large installed base, the range is packed full of features and state-of-the-art technology.

Suitable for the strictest of hygienic conditions and aggressive production environments, the range enables safe maintenance of critical processes.

- Intrinsically safe tablet gives you ultimate unthethered mobility between Ex zones
- Reduce input errors by getting closer to the source with ease



We make what matters work.



# Experts in Ex for 125+ years.

Eaton's Crouse-Hinds series and B-Line series are specialised portfolios of products and solutions for harsh and hazardous areas.

## GECMA IS 10.1" Tablet PC

Ex II 1 G, Ex ia IIB T4 Ga



### Features

- Zone 1, Zone 0\* Certification according to ATEX, IECEx \*with leather case
- UL certification pending
- Front and rear camera or optional without camera
- 10.1" / 25.6 cm AHVA display
- 7.2V 2 x 3450mAh, 49.68Wh
- Hi capacity rechargeable Lithium Ion 0-90% in 3.5 hours; 100% in approx. 4.5 hours
- Intel® Quad-Core processor
- 8GB RAM, 256GB storage
- MicroSDXC Card Slot (up to 2 TB cards supported)

### Benefits

- Share critical data across the organisation enabling greater visibility, decision making and operational performance
- Options including WiFi, LTE, Bluetooth and NFC gives connectivity flexibility
- Reduce input errors by taking the device close to the source of data, even in hard to reach areas inaccessible to standard remote terminals.
- Capacitive touchscreen can be used with gloves



Contact your local sales representative to discuss your project



### Jan Thriene

Product Line Manager - HMI and Visualisation  
Crouse-Hinds series EMEA, Eaton

"An intrinsically safe tablet offers unparalleled flexibility, allowing you to safely and efficiently operate in hazardous environments without compromising on performance or mobility. It's the perfect blend of safety and versatility for demanding industrial applications."

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# Eaton GECMA IS Tablet PC

## Intrinsically Safe Tablet PC for Zone 1/21

- **Lightweight design for enhanced portability**
- **Large 10.1-inch display for optimal information visibility**
- **High-capacity battery**
- **Provides excellent connectivity through Wi-Fi, LTE, Bluetooth, and NFC**
- **Front & rear camera or optional without camera**
- **Designed for optimal performance and reliability in harsh and hazardous environments**



The Gecma IS Tablet PC is the latest innovation designed to meet industry demands for durable, resilient mobile devices that seamlessly integrate operational and business data while remaining fully functional in harsh and hazardous environments.

The Gecma IS Tablet PC combines state-of-the-art hardware with a Microsoft Windows operating system to support customers on their digital transformation journey toward Industry 4.0. Engineered from the outset to be the lightest and fastest Windows device in its class, the Gecma IS Tablet PC is certified for ATEX/IECEX Zone 1/21 and UL 913 Class I, II, III, Division 1.

Powered by an Intel® Quad-Core CPU, 8GB RAM, and 256GB storage, the Gecma IS Tablet PC is the ideal solution to support your operational needs. Its 10.1-inch display with a 2560 × 1600 resolution delivers a best-in-class viewing experience for commissioning, maintenance, inspection, asset management, and other critical applications. Even accessing your Distributed Control System (DCS) and Manufacturing Execution System (MES) becomes effortless with such a powerful device.

The integrated lithium-ion battery pack provides a typical operating time of 12 hours before recharging is required. Charging through our docking station takes approximately 2.5 hours to reach 90% and 4 hours for a full charge.

You can safely and securely connect your Gecma IS Tablet PC to your existing Windows IT/OT infrastructure, enabling seamless sharing of mission-critical data across your organization for improved visibility, collaboration, decision-making, and performance. With integrated Wi-Fi, Bluetooth, and NFC, you can leverage your on-site infrastructure and a wide range of accessories to support local applications. For remote locations or integration into proprietary cellular networks, optional LTE connectivity ensures fast and reliable performance.

The Gecma IS Tablet PC conveniently includes two cameras—a front-facing and a rear-facing camera. For security-sensitive applications, we also offer a version of the device without any cameras.

The Gecma IS Tablet PC, running the Microsoft Windows operating system, has successfully passed Eaton cybersecurity tests and supports Intel® TXE Boot Guard 2.0.



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# SPECIFICATION

<b>Certification UL</b>	UL 913 8th Edition, CSA C22.2 No. 60079-0 & -11 Class I, II, III, Division 1, Groups A-G, T4 Tamb = -20°C...+55°C, IP67
<b>Certification IECEx</b>	IECEX Ex ia IIC T4 Ga Ex ia IIIC T135°C Da Tamb = -20°C...+55°C, IP67
<b>Certification ATEX</b>	ATEX II 2G Ex ia IIC T4 Ga Ex ia IIIC T135°C Da Tamb = -20°C...+55°C, IP67
<b>Exterior</b>	W x H x D: 278 x 207 x 13.8 mm (10.94 x 8.15 x 0.54 in) - without battery W x H x D: 278 x 207 x 28.3 mm (10.94 x 8.15 x 1.11 in) - at battery section Estimated final weight: 1430g (3.08 lbs)
<b>Display</b>	10.1" / 25.6 cm AHVA display WQXGA (2560 x 1600 px) Contrast 1000:1 (min.: 800:1) Brightness 540 NITs Viewing angle (up/down, left/right) 170° 16.7M colors
<b>Battery</b>	7.2VDC 2x 3450mAh Rechargeable Lithium Ion
<b>Charging Time (in standby)</b>	Wall adaptor: 0-90% in 2.5hours, to 100% in approx. 3.5 hours Docking station: 0-90% in 2.5hours, to 100% in approx. 4 hours
<b>CPU, RAM &amp; Storage</b>	Intel® Quad-Core Apollo Lake processor Base: 1.6GHz, Burst 1.8GHz 8GB RAM, 256GB storage MicroSDXC Card Slot (up to 2 TB cards supported)
<b>Wireless &amp; LTE</b>	Wi-Fi 802.11 a/b/g/n/ac/ Bluetooth 5.2 + HS NFC LTE Optional: Worldwide LTE-A Cat 12 and UMTS/ HSPA+
<b>Location</b>	GPS / GLONASS / Galileo (Cold start <30s, Hot start < 2s)
<b>Connections</b>	Magnetic pin connector for rapid charging with wall charger Docking connector supports LAN, USB 2.0, 3.0, USB-C, HDMI, SD Card, and audio jack
<b>Software</b>	Windows 11 IoT
<b>Video &amp; Audio</b>	Main Camera (rear-facing): 8MP Auto-focus with flash Image: 3264 x 2448 px jpg, video: 1080p (Full HD 1920 x 1080) 30 fps Secondary Camera (Front-facing) Image: 1920 x 1080 px jpg, video: 1080p (FullHD 1920x1080) 30 fps 1 digital microphone front facing microphone array. Stereo speakers
<b>Sensors</b>	Ambient light sensor (ALS), Accelerometer, Gyroscope, E-Compass, SAR proximity sensor
<b>Security</b>	Intel® TXE Boot Guard 2.0 FW TPM (Intel® PTT3) Intel® Trusted Execution Engine Interface (Intel® TXEI) Driver Intel AES New Instructions BitLocker
<b>In the Box</b>	1x GECMA Intrinsically Safe Tablet 1x Tablet Charger: 12VDC 3.33A power supply and adaptor



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