



aegex10™ intrinsically safe tablet

Aegex Technologies provides intrinsically safe solutions for the world's most hazardous industrial operations in oil and gas, chemical, mining, pharmaceutical, public safety, utilities and other industries with explosive environments. Aegex solutions bring real-time connectivity to hazardous areas, helping organizations harness the power of data to optimize efficiency, safety and productivity.



Oil & Gas



Chemical



Mining



Pharmaceutical



Public Safety



Utilities

The **aegex10™ Intrinsically Safe Tablet** is the most advanced, low-cost, lightweight and rugged Windows tablet that is purpose-built for **Zone 1 / Division 1 hazardous areas**. Simple to deploy, it is the basis for an industrial Internet of Things platform for hazardous industries, allowing operations to easily begin their digital transformation to Industry 4.0.

- Purpose-Built Intrinsically Safe and Enterprise-Class:**
 Aegex devices are certified UL913, C I, II, III D1, ATEX IECEx Zone 1 and IP65 for HazLoc use.
- Cloud-Based Data Sharing:**
 Aegex solutions use 4G LTE or Wi-Fi for real-time collaboration.
- Enterprise-Class Security with Intel Architecture:**
 Aegex solutions rely on Intel McAfee Security suite for enterprise-wide protection.
- Customizable Solutions for All Hazardous Zones and Jobs:**
 Build your own solution for each team member with Aegex enterprise applications.



ATEX Zone 1



IECEx Zone 1



UL Class I, II, III Division 1

10.1" WUXGA Display

**Powered by Intel
Atom Quad Core**

Windows 10

Intel Security Suite



aegex.com



SPECIFICATIONS

Intrinsically Safe Certifications	<p>UL913 5th edition: C I, II, III Div 1 Gr A-G T4, $T_{amb} = -10^{\circ}\text{C} \dots +50^{\circ}\text{C}$ CI Z0 Gr IIC T4 IP65, $T_{amb} = -10^{\circ}\text{C} \dots +50^{\circ}\text{C}$ CAN/CSA-22.2 Part 157</p> <p>IECEX 60079-0 & -11: Ex ib IIC T6 Gb, $T_{amb} = -10^{\circ}\text{C} \dots +50^{\circ}\text{C}$ Ex ib IIIC T85°C Db IP6X, $T_{amb} = -10^{\circ}\text{C} \dots +50^{\circ}\text{C}$ Ex ib I Mb, $T_{amb} = -10^{\circ}\text{C} \dots +50^{\circ}\text{C}$</p> <p>ATEX 60079-0 & -11: II 2G Ex ib IIC T6 Gb, $T_{amb} = -10^{\circ}\text{C} \dots +50^{\circ}\text{C}$ II 2D Ex ib IIIC T85°C Db IP6X, $T_{amb} = -10^{\circ}\text{C} \dots +50^{\circ}\text{C}$ I M2 Ex ib I Mb, $T_{amb} = -10^{\circ}\text{C} \dots +50^{\circ}\text{C}$</p>
Exterior	<p>Dimensions: 273 x 185 x 16.8 mm (10.75 x 7.28 x 0.66 in) Weight: 980 grams (2.16 lbs) IP65</p>
Display	<p>Screen: 10.1" AHVA Full HD Plus Resolution: 1920 x 1200 Capacitive touch: Multi-touch Contrast 800:1 Viewing angle (up/down, left/right) 170°</p>
Battery Life	Up to 12 hours of web browsing (Battery: 3.8V, 8700mAh, 33Wh)
Charging time (in standby)	<p>Docking station: 0-90% in 2.5 hours, to 100% in approx. 3.5 hours USB charger: 0-90% in 4 hours, to 100% in approx. 5.5 hours</p>
Storage/RAM	128GB storage / 4GB RAM
CPU & Wireless	<p>Intel® Quad-Core Atom processor 2.39GHz*, 4G LTE available Wi-Fi 802.11ac/802.11 a/b/g/n dual band (2.4GHz and 5GHz) Bluetooth® 4.0 Low Energy technology NFC & RFID (HF: 13.56MHz)** Intel Wireless Display</p>
Location	<p>GPS / GLONASS (cold start <30s, warm start < 5s)</p>
Ports	<p>Full-size USB 2.0 USB 3.0, Ethernet, and HDMI on system connector Micro USB for charging Charging pads (12V) microSDXC™ card slot (supports up to 2TB) Headset jack</p>
Software	Windows 10 Pro, Windows 10 Enterprise
Cameras, Video & Audio	<p>8.0 megapixel autofocus rear-facing camera with flash, full HD video 2.0 megapixel front-facing camera full HD video Front and rear microphones Stereo speakers</p>
Sensors	<p>Ambient light sensor, Accelerometer, Gyroscope, E-Compass, SAR proximity sensor</p>
Security	<p>Silicon Level, Intel Security (SMEP, PPDRNG, fTPM, and TPM 2.0) Software Level Device Control Windows 10 Mobile Device Management BitLocker</p>
In the box	aegex10™ intrinsically safe tablet



To request a demo or to talk to a product specialist, please contact our nearest office or go to:

www.automatedcontrol.com.au

automatedcontrol

SENSE | MONITOR | CONTROL

 (02) 4964 4022

www.automatedcontrol.com.au

Wall charger (power supply + USB cable)

*Base Frequency 1.59 GHz, Burst Frequency 2.39 GHz

**P2P: ISO 18092, Reader/Writer: ISO 14443 –A-B, MIFARE, FeliCa®, ISO 15693, NFC Forum Tag Types 1 to 4 Card emulation: ISO 14443 –A-B-B', MIFARE, FeliCa RF, Distance up to 3 cm



© 2017 Aegex Technologies, LLC. All Rights Reserved. The trademarks, logos, and service marks ("Marks") included herein are the property of Aegex Technologies, LLC or of their respective owners. AEGEX, AEGEX TECHNOLOGIES, aegex.com, and the Aegex logo are all trademarks of Aegex Technologies, LLC and/or its affiliates. Use of any Mark is not permitted without the prior written consent of Aegex Technologies, LLC or of the respective owner. The information in this document is subject to change without notice. Aegex and/or its representatives cannot be held responsible for any errors or inaccuracies within this document.

A10IS 11/17