



## 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

<b>Intrinsically Safe Certifications</b>	<p>UL913 5<sup>th</sup> edition:            C I, II, III Div 1 Gr A-G T4, T<sub>amb</sub> = -10°C...+50°C            Cl Z0 Gr IIC T4 IP65, T<sub>amb</sub> = -10°C...+50°C            CAN/CSA-22.2 Part 157</p> <p>IECEx 60079-0 &amp; -11:            Ex ib IIC T6 Gb, T<sub>amb</sub> = -10°C...+50°C            Ex ib IIIC T85°C Db IP6X, T<sub>amb</sub> = -10°C...+50°C            Ex ib I Mb, Tamb = -10°C...+50°C</p> <p>ATEX 60079-0 &amp; -11:            Ex II 2G Ex ib IIC T6 Gb, T<sub>amb</sub> = -10°C...+50°C            Ex II 2D Ex ib IIIC T85°C Db IP6X, T<sub>amb</sub> = -10°C...+50°C            Ex I M2 Ex ib I Mb, Tamb = -10°C...+50°C</p>
<b>Exterior</b>	<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>
<b>Display</b>	<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>
<b>Battery Life</b>	Up to 12 hours of web browsing (Battery: 3.8V, 8700mAh, 33Wh)
<b>Charging time (in standby)</b>	<p>Docking station: 0-90% in 2.5hours, to 100% in approx. 3.5 hours            USB charger: 0-90% in 4hours, to 100% in approx. 5.5 hours</p>
<b>Storage/RAM</b>	128GB storage / 4GB RAM
<b>CPU &amp; Wireless</b>	<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 &amp; RFID (HF: 13.56MHz)**            Intel Wireless Display</p>
<b>Location</b>	<p>GPS / GLONASS            (cold start &lt;30s, warm start &lt; 5s)</p>
<b>Ports</b>	<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>
<b>Software</b>	Windows 10 Pro, Windows 10 LTSC, Android Lollipop and Marshmallow
<b>Cameras, Video &amp; Audio</b>	<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>
<b>Sensors</b>	<p>Ambient light sensor, Accelerometer,            Gyroscope, E-Compass,            SAR proximity sensor</p>
<b>Security</b>	<p>Silicon Level, Intel Security            (SMEP, PPDRNG, fTPM, and TPM 2.0)            Software Level            Device Control            Windows 10 Mobile Device Management            BitLocker</p>
<b>In the box</b>	<p>aegex10™ intrinsically safe tablet            Wall charger (power supply + USB cable)</p>



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

[www.aegex.com](http://www.aegex.com)

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\*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