



## 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



Biofuel



Pharmaceutical



Public Safety



Utilities

The **aegex10™ Intrinsically Safe Tablet** is the most advanced, efficient, 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 Tablets:

Aegex devices are certified ATEX/IECEX Zone 1; certified by SGS to UL 913 Class I, II, III Division 1 Groups A-G; and IP65 for hazardous (classified) locations.

### ◆ Solutions for All Hazardous Zones and Jobs:

Aegex devices run the operating system and applications that allows for secure enterprise deployments.

### ◆ Enterprise Collaboration

Aegex devices use 4G LTE or Wi-Fi for real-time communications.



Certified ATEX/IECEX Zone 1

Certified by SGS to  
UL 913 C I, II, III Div 1

10.1" WUXGA Display

Powered by Intel  
Atom Quad Core

Windows 10



[aegex.com](http://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  CI 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 T4 Gb  Ex ib IIIC T135°C Db IP6X  Ex ib I Mb Ta = -10°C ...+50°</p> <p>ATEX 60079-0 &amp; -11:  ⊕ II 2G Ex ib IIC T4 Gb  ⊕ II 2D Ex ib IIIC T135°C Db IP6X  ⊕ I M2 Ex ib I Mb Ta = -10°C...+50°</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>	<p>Up to 12 hours of web browsing (Battery: 3.8V, 8700mAh, 33Wh)</p>
<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>	<p>128GB storage / 4GB RAM</p>
<b>CPU Standard</b>	<p>Intel® Quad-Core Atom processor  2.39GHz*  Wi-Fi 802.11 a/b/g/n dual band  Bluetooth® 4.0 Low Energy technology  NFC  Intel Wireless Display</p>
<b>LTE Options (Standard +)</b>	<p><b>LTE (North America):</b> Sierra EM7355 -  LTE: FDD Band 2,4,5,13,17,25 all bands with diversity -  UMTS/HSPA+: Band 1,2,4,5,8, all bands with diversity -  CDMA 1xRTT/EV-DO Rev A: BC0, BC1, BC10 -  GSM/GPRS/EDGE: Quad-Band</p> <p>* <b>LTE (EU, US, AU):</b> Telit LN940A9 - LTE: Band 1,  2, 3, 4, 5, 7, 8, 12, 13, 17, 18, 19, 20, 21, 25, 26,  28, 29, 30, 38, 39, 40, 41, 66 - WCDMA: Band 1, 2,  3, 4, 5, 6, 8, 19 - GSM/GPRS/EDGE: N/A</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>	<p>Windows 10 IoT Enterprise</p>
<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 (SMER, PPRNG, fTPM, and TPM 2.0)  Software Level  Device Control  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

\*Subject to verification of local carrier requirements

\*\*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