



## 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 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.

- 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.



**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**

**Intel Security Suite**



**aegex.com**



# SPECIFICATIONS

## Intrinsically Safe Certifications

UL913, 5<sup>th</sup> Edition:  
C I, II, III Div 1 Gr A-G T4,  $T_{amb} = -10^{\circ}\text{C} \dots +50^{\circ}\text{C}$   
C I Z0 Gr IIC T4 IP65,  $T_{amb} = -10^{\circ}\text{C} \dots +50^{\circ}\text{C}$   
CAN/CSA-22.2 Part 157

IECEX 60079-0 & -11:  
Ex ib IIC T6 Gb,  $T_{amb} = -10^{\circ}\text{C} \dots +50^{\circ}\text{C}$   
Ex ib IIC T85°C Db IP6X,  $T_{amb} = -10^{\circ}\text{C} \dots +50^{\circ}\text{C}$   
Ex ib I Mb,  $T_{amb} = -10^{\circ}\text{C} \dots +50^{\circ}\text{C}$

ATEX 60079-0 & -11:  
Ex II 2G Ex ib IIC T6 Gb,  $T_{amb} = -10^{\circ}\text{C} \dots +50^{\circ}\text{C}$   
Ex II 2D Ex ib IIC T85°C Db IP6X,  $T_{amb} = -10^{\circ}\text{C} \dots +50^{\circ}\text{C}$   
Ex I M2 Ex ib I Mb,  $T_{amb} = -10^{\circ}\text{C} \dots +50^{\circ}\text{C}$

## Exterior

Dimensions:  
273 x 185 x 16.8 mm (10.75 x 7.28 x 0.66 in)  
Weight: 980 grams (2.16 lbs)  
IP65

## Display

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°

## Battery Life

Up to 12 hours of web browsing (Battery: 3.8V, 8700mAh, 33Wh)

## Charging time (in standby)

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

## Storage/RAM

128GB storage / 4GB RAM

## CPU & Wireless

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  
Intel Wireless Display

### LTE (North America): 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

### LTE (international): Huawei ME936

- LTE: FDD Band 1,2,3,4,5,7,8,13,17,20,  
all bands with diversity
- WCDMA/HSDPA/HSUPA/HSPA+:  
Band 1,2,4,5,8, all bands with diversity
- GSM/GPRS/EDGE: 850/900/1800/1900MHz

## Location

GPS / GLONASS  
(cold start <30s, warm start < 5s)

## Ports

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

## Software

Windows 10 Pro, Windows 10 LTSC, Android Lollipop and Marshmallow

## Cameras, Video & Audio

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

## Sensors

Ambient light sensor, Accelerometer,  
Gyroscope, E-Compass,  
SAR proximity sensor

## Security

Silicon Level, Intel Security  
(SMER, PPDRNG, fTPM, and TPM 2.0)  
Software Level  
Device Control  
Windows 10 Mobile Device Management  
BitLocker

## In the box

aegex10™ intrinsically safe tablet  
Wall charger (power supply + USB cable)



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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