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.

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.

10.1” WUXGA Display

Certified ATEX/IECEx Zone 1
Certified by SGS to UL 913 C I, II, III Div 1

Windows 10

Powered by Intel Atom Quad Core
**Intrinsically Safe Certifications**

Class I, II, III Div 1 Group A-G T4, T_{seq} -10°C…+50°C, IP65
Class I, Zone 0 Group IIC T4, T_{seq} -10°C…+50°C, IP65

IEEx e0079-0 & -11:
Ex ib IIC T4 Ga, -10°C ≤ T_{seq} ≤ +50°C
Ex ib IIC T135°C Db IP6X, -10°C ≤ T_{seq} ≤ +50°C
Ex ib I Mb, -10°C ≤ T_{seq} ≤ +50°C

ATEX 60079-0 & -11:
Ex ib IIC T4 Ga, -10°C ≤ T_{seq} ≤ +50°C
Ex ib IIC T135°C Db IP6X, -10°C ≤ T_{seq} ≤ +50°C
Ex ib I Mb, -10°C ≤ T_{seq} ≤ +50°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; Aspect ratio 16:10
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**
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

**Storage/RAM/CPU**

128GB storage / 4GB RAM / Intel® Atom Z3795 Quad-Core processor 2.39GHz *

**Wireless**

4G LTE available
Wi-Fi/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

LTE (North America): Sierra EM7355
- LTE: FDD Band 2,4,5,13,17,25
  - all bands with diversity
- UMTS/HSPA+: Band 1,2,4,5,8,9,10,15,19,21,26,28,33,38,41,51,52,53,54,66
- CDMA1xRTT/EV-DO Rev A: BC0, BC1, BC10
- GMS/GPRS/EDGE: Quad-Band

LTE (EU, US, AU): Telit LN940A9
(certification in progress)
- 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 1,2,3,4,5,8,19
- GSM/GPRS/EDGE: N/A

LTE (international): Huawei ME938
- LTE: FDD Band 1,2,3,4,5,7,8,12,13,17,20,21,25,26,28,38,39,40,41,65
- WCDMA/HSDPA/HSUPA/HSPA+: Band 1,2,4,5,8,9,12,13,17,20,21,25,26,28,38,39,40,41,65
- 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 docking station
Micro USB for charging
Charging pads (12V)
microSDXC™ card slot (supports up to 2TB)
Headset jack

**Operating System**

Windows 10 Pro, Android 5.1 (no GMS)

**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
(SMEP, PPDPNG, RTPM, 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)
User Guide

© 2018 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.