

aegex10 intrinsically safe tablet

Aegex Technologies provides intrinsically safe mobile devices for the world's most hazardous environments in oil & gas, chemical, mining, pharmaceutical, public safety, utilities and other markets where volatile atmospheres exist. Aegex intrinsically safe Windows 10 tablets bring real-time connectivity to all personnel in multiple zones of hazardous locations, helping them harness the power of their data to optimize efficiency, safety and productivity.



Aegex's 10.1-inch intrinsically safe Windows 10 tablets can be customized with enterprise-class applications and accessories for each team member of a hazardous industry operation. Aegex's unified platform makes operation-wide integration and collaboration simple, with an overarching Microsoft enterprise mobility solution that delivers IT uniformity, operational efficiency, organizational safety and information security. Aegex10 IS Tablets are the basis for a true Internet of Things for hazardous industries.

- **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 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 IECEx Zone 1

UL913 Class I, II, III Div 1

10.1" WUXGA Display

**Powered by Intel
Atom Quad Core**

Windows 10

Intel Security Suite



Malux



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Specifications

Intrinsically Safe Mobile Devices

Intrinsically Safe Certifications	<p>UL913 5th edition: C I, II, III Div 1 Gr A-G T4, T_{amb} = -10°C...+50°C CI Z0 Gr IIC T4 IP65, T_{amb} = -10°C...+50°C CAN/CSA-22.2 Part 157</p> <p>IECEX 60079-0 & -11: Ex ib IIC T6 Gb, T_{amb} = -10°C...+50°C Ex ib IIIC T85°C Db IP6X, T_{amb} = -10°C...+50°C Ex ib I Mb, T_{amb} = -10°C...+50°C</p> <p>ATEX 60079-0 & -11: Ⓜ II 2G Ex ib IIC T6 Gb, T_{amb} = -10°C...+50°C Ⓜ II 2D Ex ib IIIC T85°C Db IP6X, T_{amb} = -10°C...+50°C Ⓜ I M2 Ex ib I Mb, T_{amb} = -10°C...+50°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
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 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 and HDMI on system connector Micro USB for charging Charging pads (up to 12V) microSDXC™ card slot (supports up to 2TB) Headset jack</p>
Software	Windows 8.1, Windows 10 Pro, Windows 10 Enterprise LTSC
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 Aegex Mobile Device Management BitLocker</p>
In the box	<p>aegex10 intrinsically safe tablet Power supply + USB cable Allen key for battery door</p>

*Base Frequency 1.59 GHz, Burst Frequency 2.39 GHz

