

Designed for  
**SAMSUNG**  
**mob!le**

**ecom**  
MOBILE SAFETY



**Tab-Ex<sup>®</sup>** Series for hazardous areas

**WORLD'S FIRST ZONE 1 / DIV. 1**

**TABLET COMPUTER**



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# Tab-Ex® Series

## WORLD'S FIRST ZONE 1 / DIV. 1 TABLET COMPUTER BASED ON SAMSUNG GALAXY TAB ACTIVE

ecom's hazardous area tablet Tab-Ex® brings new customer focused solutions and improved ease of use to mobile workers in Oil & Gas, Refining, Chemical, Pharmaceuticals and other hazardous industries. Recognising that many work tasks are performed in both non-hazardous and hazardous areas, ecom is launching an entire family of compatible tablets, peripherals and accessories suitable for worldwide use in Zone 1 / Division 1, Zone 2 / Division 2, and rugged environments.



## MUCH EASIER USE WITH TAB-EX®

Lightweight and compact, operating on Android Kitkat 4.4, the Tab-Ex® is suitable for multiple mobile worker roles performing a range of applications, such as Asset Surveys, Material Tracking, Operator Rounds, Inspection and Maintenance. The 8" screen enables standard desktop applications to become mobile in hazardous areas, allowing workers to view and interact with SCADA/DCS systems, enterprise systems (SAP, Maximo), and computer aided design systems. Augmented reality and video conferencing also become much easier to use with Tab-Ex®.

Built-in cameras and full range of wireless capability allowing equipment defects to be captured as inspection and maintenance work is executed, and instantly visible to those who need to diagnose the issue and determine the follow-on actions.

- 1 Global certifications - one common platform
- 2 Android 4.4 Operating System
- 3 Wireless capability as WWAN, 4G LTE, WLAN, etc.
- 4 Front and rear camera
  - 3 MP with rear camera Flash with Barcode Scanner capability
  - 1.3 MP front camera
- 5 Reinforced security with Samsung KNOX
- 6 Accessories and peripherals to enable broader use



# ONE GLOBAL PLATFORM

## ENABLING MOBILE WORKFORCE PARADIGM SHIFT

The launch of ecom's new hazardous area tablet computer solution Tab-Ex® series triggers a paradigm shift in the way mobile workers work and interact with each other, their remote experts, and the backend systems. This way of working brings with it the opportunity for improved decision making, improved mobile worker collaboration, increased efficiency and collected data quality related to work tasks performed in hazardous areas.



**MOBILE  
COMPUTING**

Ecom's development of the Tab-Ex® includes numerous new patents and is built on the Samsung GALAXY Tab Active platform. This way hazardous and harsh environment users are enabled to leverage ecom's expertise in conjunction with Samsung's benefits. This solution provides compatibility and a wide range of preloaded applications for a safer work environment with unparalleled security functions like device encryption, MDM, VPN and secure connectivity (Samsung KNOX). Being able to offer the same internal tablet, Samsung GALAXY Tab Active, ecom provides a key benefit of consistency in product use - whether Rugged, Zone 2 / Div. 2, Div. 1 or Zone 1.

## **Tab-Ex®** Series for hazardous areas

ATEX / IECEx ZONE 1 / ZONE 2, NEC CLASS I DIV. 1 / CLASS I DIV. 2 PENDING





# Tab-EX<sup>®</sup> Series

TECHNICAL DATA	
Operating System	Android 4.4
Processor	Quad core 1.2 GHz processor
Memory and Storage	RAM 1.5 GB ROM 16 GB, with microSD up to 64 GB (optional)
Display	8" TFT display with 1280 x 800 pixels
Environmental	Operating temperature -20 ... +60 °C
Connectivity	4G LTE (optional)
Bluetooth	Bluetooth LE 4.0
Wireless LAN	WLAN a/b/g/n
Power	8 hours battery life / 4.400 mAh
Camera	3 MP with rear camera Flash with Barcode Scanner capability 1.3 MP front camera
Security	Samsung KNOX <ul style="list-style-type: none"><li>• EMM (MDM+IAM)</li><li>• Secure file management</li><li>• H/W &amp; S/W Secure platform</li></ul>
Programmable keys	Yes
Certification	Atex / IECEx Zone 1 / Zone 2, NEC Class I Div. 1 / Class I Div. 2 pending



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