



THORNE &
DERRICK
INTERNATIONAL

Thorne & Derrick
+44 (0) 191 410 4292
www.heatingandprocess.com

ecom
MOBILE SAFETY



Tab-Ex® Series for hazardous areas

WORLD'S FIRST ZONE 1 / DIV. 1
TABLET COMPUTER

 Designed for
SAMSUNG

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 inch 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 a full range of wireless capability allows equipment defects to be captured during inspection and maintenance operations, 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
 - WLAN
 - WWAN (UMTS, HSPA, LTE*)
- 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

* depending on carrier & regional availability



ONE GLOBAL PLATFORM

ENABLING MOBILE WORKFORCE PARADIGM SHIFT

ecom's new Tab-Ex® tablet family enables 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 improved data quality related to work tasks performed in hazardous areas.



Ecom's development of the Tab-Ex® includes numerous new patents and is built on the Samsung GALAXY Tab Active platform - allowing you to benefit from this device in both harsh and hazardous environments. This solution provides compatibility with a wide range of preloaded applications for a safer work environment, including 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. And, the software applications you develop for the Samsung Galaxy Tab Active will work unchanged on the Tab-Ex® 01.

Tab-Ex® Series for hazardous areas

ATEX / IECEx ZONE 1 / ZONE 2,

NEC CLASS I DIV. 1 / CLASS I DIV. 2

TECHNICAL DATA

Operating System	Android 4.4
Processor	Quad core 1.2 GHz processor
Memory and Storage	1.5GB RAM + 16GB internal memory With optional microSD, expandable up to 64GB
Display	8 inch TFT display with 1280 x 800 pixels
Environmental	Operating temperature -20...+45 °C
WWAN	LTE * (4G) Category 4: 800 / 850 / 900 / 1800 / 2100 / 2600 UMTS (3G) / HSPA (3.5G): 850 / 900 / 1900 / 2100 GPRS / EDGE (2G): 850 / 900 / 1800 / 1900
Bluetooth	Bluetooth LE 4.0
Wireless LAN	WiFi a/b/g/n
Power	8 hours battery life / 4450 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">• EMM (MDM+IAM)• Secure file management• H/W & S/W Secure platform
Programmable keys	Yes
Certification	Atex / IECEx Zone 1 / Zone 2, NEC Class I DIV 1 / Class I DIV 2

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