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**ecom**  
MOBILE SAFETY

ZONE 1/21 & DIV. 1



**Tab-Ex® 01** Series for hazardous areas

**WORLD'S FIRST ZONE 1/21 & DIV. 1**

**TABLET COMPUTER**

 **Designed for  
SAMSUNG**

# Tab-Ex® 01 Series

## WORLD'S FIRST ZONE 1/21 DIV 1 TABLET COMPUTER BASED ON SAMSUNG GALAXY TAB ACTIVE

ecom's hazardous area tablet Tab-Ex® 01 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 1/21 & Division 1, and rugged environments.

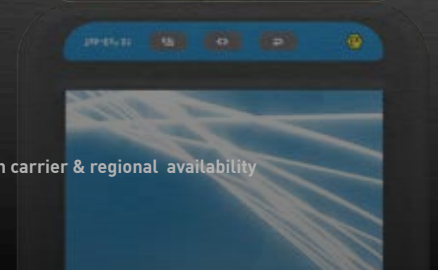


## MUCH EASIER USE WITH TAB-EX®

The Tab-Ex® 01 is suitable for multiple mobile worker roles performing a range of tasks, such as Asset Surveys, Material Tracking, Operator Rounds, Inspection, Data Collection and Plant Maintenance. The 8-inch screen enables the wide range of applications to become mobile in hazardous areas, allowing workers to view and interact with SCADA/DCS systems, enterprise systems (SAP, Maximo s.o.), project management systems and computer aided design systems.

Built-in cameras (optional) 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™ Kitkat 4.4.4 or Lollipop 5.1.1 Operating System
- 3 Wireless capability with
  - WLAN
  - WWAN (UMTS, HSPA, LTE\*)
  - Bluetooth Smart Ready
  - NFC
- 4 Front and rear camera (optional)
  - 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® 01 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 ultra-rugged Tab-Ex® 01 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 Zone 1/21 & DIV 1. An software applications developed or licensed for the Samsung Galaxy Tab Active will work unchanged on the Tab-Ex® 01.

### Tab-Ex® 01 Series for hazardous areas

ATEX / IECEx ZONE 1/21,

NEC CLASS I DIV. 1

#### TECHNICAL DATA

|                    |                                                                                                                                                                                |
|--------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Operating System   | Android™ Kitkat 4.4.4 Operating System<br>(optionally Lollipop 5.1.1)                                                                                                          |
| Processor          | Quad core 1.2 GHz processor                                                                                                                                                    |
| Memory and Storage | 1.5GB RAM + 16GB internal memory<br>With optional microSD, expandable up to 64GB                                                                                               |
| Display            | 8 inch TFT display with 1280 x 800 pixels                                                                                                                                      |
| Environmental      | Operating temperature -20...+50 °C                                                                                                                                             |
| WWAN               | LTE * (4G) Category 4: 800 / 850 / 900 / 1800 / 2100 / 2600<br>UMTS (3G) / HSPA (3.5G): 850 / 900 / 1900 / 2100<br>GPRS / EDGE (2G): 850 / 900 / 1800 / 1900                   |
| Bluetooth          | Bluetooth LE 4.0 SmartReady                                                                                                                                                    |
| Wireless LAN       | WiFi 802.11 a / b / g / n                                                                                                                                                      |
| Power              | up to 11 hours battery life / 4450 mAh                                                                                                                                         |
| Camera             | 3 MP with rear camera<br>Flash with Barcode Scanner capability<br>1.3 MP front camera                                                                                          |
| Security           | Reinforced security with 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 & NEC                                                                                                                                                             |

\* depending on carrier & regional availability



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