

ZONE 1/21 & DIV. 1



**Tab-Ex<sup>®</sup> 01** Series for hazardous areas

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

# Tab-Ex<sup>®</sup> 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<sup>®</sup> 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.

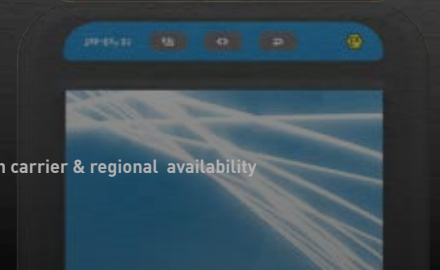


## MUCH EASIER USE WITH TAB-EX<sup>®</sup>

The Tab-Ex<sup>®</sup> 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.



**MOBILE  
COMPUTING**

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

	Ⓢ II 2G Ex db ia op is IIC T5 Gb Ⓢ II 2D Ex tb IIIC T100°C Db T <sub>a</sub> = -20°C to +50°C
	Ex db ia op is IIC T5 Gb Ex tb IIIC T100°C Db T <sub>a</sub> = -20°C to +50°C
	<b>US:</b> Class I, II, III, Division 1, Groups A-G T5 Class I, Zone 1 IIC T5 Zone 21 IIIC T100°C T <sub>a</sub> = -20°C to +50°C  <b>CA:</b> Ex db ia IIC T5 Gb & Ex ia tb IIIC T100°C Db Class I, II, III Division 1, Groups B-G, T5
	Ex db ia op is IIC T5 Gb Ex tb IIIC T100°C Db T <sub>a</sub> = -20 °C to +50 °C

#### TECHNICAL DATA

Operating System	Android™ Kitkat 4.4.4 Operating System (optionally Lollipop 5.1.1)
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...+50 °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 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 Flash with Barcode Scanner capability 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>
	Yes

\* depending on carrier & regional availability

## EMEA

### Germany (Headquarters) <sup>1</sup>

ecom instruments GmbH  
Industriestraße 2  
97959 Assamstadt  
Phone +49 62 94 42 24-0  
Fax +49 62 94 42 24-100  
sales@ecom-ex.com  
<sup>1</sup> also covering Austria

### ecom Benelux <sup>2</sup>

ecom instruments BV  
Watertoren 45c  
3247 CL Dirksland, Netherlands  
Phone +31 1 87 60 59 16  
Fax +31 1 87 60 33 47  
info.nl@ecom-ex.com  
<sup>2</sup> also covering Belgium and Luxembourg

### France <sup>3</sup>

ecom Nied sarl  
4 Rue Ettore Bugatti  
67201 Eckbolsheim  
Phone +33 3 88 76 46 84  
Fax +33 3 88 76 02 85  
info.fr@ecom-ex.com  
<sup>3</sup> also covering Algeria, Egypt, Morocco,  
Tunisia and Libya

### Italy

ecom instruments srl  
Via Gandhi, 15 Galleria  
20017 Rho (MI)  
Phone +39 02 93 90 92 16  
Fax +39 02 93 90 62 97  
info.it@ecom-ex.com

### Switzerland

ecom instruments GmbH  
Merkurstraße 2  
6210 Sursee  
Phone +41 4 19 21 60 00  
Fax +41 4 19 22 00 08  
info.ch@ecom-ex.com

### Nordics

ecom instruments GmbH  
Postbox 304  
2970 Hørsholm  
Denmark  
Phone +45 28 252 575  
info.nordics@ecom-ex.com

### United Kingdom

ecom instruments ltd  
A310, The Wilton Centre,  
Redcar, TS10 4RF,  
United Kingdom  
Phone +44 1642 46 54 00  
Fax +44 1642 46 54 02  
info.uk@ecom-ex.com

### Middle East

ecom instruments fze  
P.O. Box 8918  
Saif-Zone, Sharjah, UAE  
Phone +971 6 5 57 34 30  
Fax +971 6 5 57 34 31  
info.uae@ecom-ex.com

## Americas

### USA

ecom instruments Inc.  
1779 Westborough Drive, Suite 102  
Katy, Texas 77449  
Phone +1 281 496 59 30  
Fax +1 281 496 23 21  
sales.us@ecom-ex.com

## Asia

### South East Asia

Ecom Instruments (SEA) Pte Ltd  
15 Pioneer Turn  
P+F GDC Building  
Singapore 627577  
Phone +65 6779 9078  
info.sg@ecom-ex.com



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