



THORNE &  
**DERRICK**  
INTERNATIONAL

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+44 (0) 191 410 4292  
[www.heatingandprocess.com](http://www.heatingandprocess.com)

ZONE 2 / DIVISION 2



DIVISION 2



**Tab-Ex® 01 Series for D2 und DZ2**

**UNIQUELY CONNECTED -**  
**IN HAZARDOUS AREAS**

# Tab-Ex<sup>®</sup> 01

[www.hazardous-area-tablet.com](http://www.hazardous-area-tablet.com)



## Tab-Ex<sup>®</sup> 01 - Z2 / D2

- 1 Global certifications - one common platform
- 2 Operating System
  - Android™ Lollipop 5.1.1
  - Android™ KitKat 4.4.4
- 3 Wireless capability as
  - WLAN
  - WWAN (UMTS, HSPA, Cellular\*)
- 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

### 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.

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 or even Zone 1/21 and DIV 1.



	ZONE 2 / DIVISION 2	DIVISION 2
Operating System	Android™ Lollipop 5.1.1 Android™ KitKat 4.4.4	Android™ Lollipop 5.1.1 Android™ KitKat 4.4.4
Processor	Quad core 1.2 GHz processor	Quad core 1.2 GHz processor
Memory and Storage	1.5GB RAM + 16GB internal memory With optional microSD, expandable up to 64GB	1.5GB RAM + 16GB internal memory With optional microSD, expandable up to 64GB
Dimensions	131,1 x 225,1 x 13,6 mm, thinnest Zone 2 tablet - 13,6 mm	131,1 x 225,1 x 13,6 mm, thinnest Zone 2 tablet - 13,6 mm
Weight	562,1 g	495 g
Display	8 inch TFT display with 1280 x 800 pixels Z2/ DZ2: This device is protected by a special protective screen for use in Zone 2	8 inch TFT display with 1280 x 800 pixels Z2/ DZ2: This device is protected by a special protective screen for use in Zone 2
Environmental	Operating temperature -20 ... +55 °C	Operating temperature -20 ... +55 °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	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 SmartReady LE 4.0	Bluetooth SmartReady LE 4.0
Wireless LAN	WiFi 802.11 a/b/g/n	WiFi 802.11 a/b/g/n
Power	11 hours battery life / 4450 mAh	11 hours battery life / 4450 mAh
Camera	3 MP with rear camera Flash with Barcode Scanner capability 1.3 MP front 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>	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	Yes
Certification	<b>ATEX and IECEx certification:</b> II 3G Ex ic IIC T5 Gc // Ex ic IIC T5 Gc	<b>NEC certification:</b> Class I, Division 2, Groups A-D

\* depending on carrier & regional availability

The launch of 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.

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).



# Tab-Ex<sup>®</sup> 01



## Tab-Ex<sup>®</sup> 01 - Z2 / D2

### PROFESSIONAL



#### Meet the new Tab-Ex<sup>®</sup> 01

Designed to deliver powerfully versatile performance and secure operations, the Tab-Ex<sup>®</sup> 01 is a stylish, portable tablet device that is ready to go anywhere to get the job done. A portable tablet built for the enterprise world.

The Tab-Ex<sup>®</sup> 01 comes with a specialized cover that protects the device from extremes and is in full compliance with U.S. military anti-shock standards (MIL-STD 810G). That means the Tab-Ex<sup>®</sup> 01 is capable of withstanding the toughest of shocks, enduring everything from the continuous minor bumps and bruises of everyday usage to more severe drops of up to 1.2 meters, even on solid concrete.

### ENTERPRISE READY RIGHT NOW



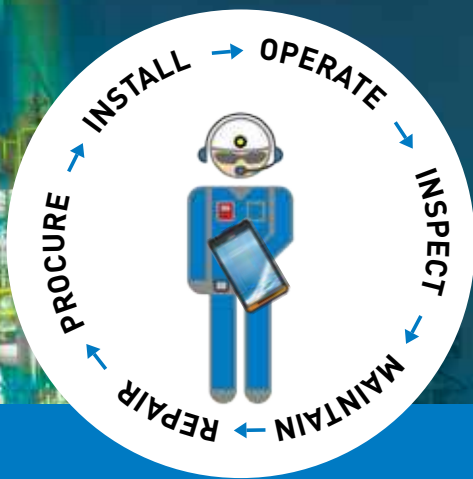
However challenging the surroundings may be, the Tab-Ex<sup>®</sup> 01 can always be counted on for professional, on-demand performance, featuring top-tier data security and seamless operations.

### STAY PROTECTED IN ANY ENVIRONMENT



- Protected against accidental drops up to 1.2 meters (with protective cover)
- Dust and water resistance (IP67 certified)

# ROBUST AND RELIABLE TABLET FOR FIELD SERVICE



▶ Ensuring and maximizing mobile worker's efficiency & productivity

▶ Ensuring accurate data capture and real-time information and decision making

▶ Minimizing costs

▶ Improve ease of use & customer experience

## SAMSUNG KNOX WORKSPACE



Samsung KNOX Workspace provides robust, hardware and software integrated security for Samsung mobile devices. KNOX Workspace offers multi-layered protection from the device down to the kernel with two-factor biometric authentication for authorized device access. Plus, an enhanced KNOX framework and Microsoft Workplace Join provide users with a secure channel to corporate resources from mobile devices.

The device has also been tested with all common MDM systems like

- SureLock
- Airwatch
- SOTI MobiControl
- SAP AfariaMDM
- Mobileiron
- Citrix XenMobile



# Tab-Ex<sup>®</sup> 01



**Barcode  
Scanner**

Thinnest Zone 2 / Div. 2 tablet with only 13,8 mm



## **SLIM AND STYLISH. LIGHT AND PORTABLE.**

With its protective cover, the Tab-Ex<sup>®</sup> 01 boasts a stylish design that sets new standards for what a solidly built device should look like. Naturally, it is light enough to give professionals the easy portability they demand when they transition from the office to the field.

## **FLEXIBILITY AND PRODUCTIVITY**

The Tab-Ex<sup>®</sup> 01 is a true mobile device built for performance and productivity on the go. It comes packed with a large capacity 4,450mAh battery that has plenty of power for a full day of use (11 hours) that can easily be replaced with a spare.

The Tab-Ex<sup>®</sup> 01 also features Samsung's exclusive Ultra Power Saving Mode, allowing it to run for days without shutting down. And with a wide range of connectivity options, business professionals working outside the office can stay connected with their clients and colleagues at all times. From HEXA-Band LTE\* support for global travelers, to Wi-Fi and Bluetooth, it provides seamless connectivity.

\* depending on carrier & regional availability



# ONE GLOBAL PLATFORM

## ENABLING MOBILE WORKFORCE PARADIGM SHIFT

### 3.1 MP REAR FACING CAMERA WITH AUTO FOCUS AND FLASH

The fast and accurate 3.1 megapixel rear-facing auto focus camera lets enterprise users capture high quality images for situational reports about what is happening on the job site. Tab-Ex® 01 also can be optionally enhanced with an exclusive barcode solution developed together with Honeywell for easy barcode scanning.

### NFC CONNECTIVITY

The Tablet supports NFC connectivity for reading and writing. NFC tagging makes it easy to check personnel attendance, and can be used in multiple logistics scenarios as well.



### A PEN FOR EASIER INPUT

Professionals that wear gloves in the field will appreciate the built-in capacitive Pen that's slotted thoughtfully at the top of the protective cover. It's easy to access and use, and makes data input even easier.



### SUPPORT

Support makes all the difference: Being your partner, we provide professional solutions.

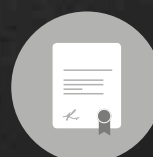
Not only before and during, but particularly after the sale and during the daily use of our products, it is crucial that you rely on our mobile devices each and every day. To ensure this, ecom will provide you with professional assistance and customer care worldwide.



### SERVICE CONTRACT

By signing up for our ecomprehensive service package, we offer you a guaranteed turnaround time of five working days at our worldwide ecom Service Centers in Germany, United States of America and Singapore

- Free servicing as part of the service contract
- Predictable costs
- Minimal downtime
- Professional solutions with the guarantee you need.





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