





Intrinsically Safe Smartphone Smart-Ex® 01

### **DELIVERING MOBILITY**

IN HAZARDOUS AREAS

# Smart-Ex®



Intrinsically Safe Smartphone Smart-Ex® 01
THE LATEST HIGH END PRODUCT IN THE RANGE OF MOBILE COMMUNICATION

#### **RANGE OF FUNCTIONS**

- 4G / LTE-standard
- Android™ 4.4 (Kitkat) Latest Android operating system
- 4.0" capacitive multi-touch screen made of extreme shock and scratch resistant Gorilla Glass® 2
- Glove Touch Screen
- High Visibility Display in Direct Sunlight
- 8 MP rear camera with auto focus and LED flash with torchlight function and 1 MP front camera (optional)
- 3600 mAh Li-lon battery pack

- Bluetooth® 4.0 incl. BLE (Bluetooth Low Energy)
   BLE (30 times faster, 1/100th of power)
- WIFI 802.11 a/b/g/n
- 5-pins water-proof magnetic USB 2.0 High Speed connector
- IP68 Dust proof, water proof
- Push-to-talk (App solution)
- Lone Worker Protection (App solution)
- Optional Service Level Agreemeent (SLA)



## EXPERIENCE THE SMART-EX® 01 SMARTPHONE



#### CERTIFICATION

ATEX (Ex)

© II 2 G Ex ib IIC T4 Gb IP64 © II 2 D Ex ib IIIC T135°C Db IP6X

IECEx

Ex ib IIC T4 Gb IP64 Ex ib IIIC T135°C Db IP6X

NEC &

Class I, Division 1, Groups A-D T4 Class II & III, Div. 1, Groups E-G T4



### WE DON'T ASK, WE ACT! SERVICE LEVEL AGREEMENT (OPTIONAL)

With the optional SLA, for full three years warranty, all new ecom mobile phones enables "total cost of ownership certainty" and demonstrate the confidence in terms of product quality and reliability.

ecom will guarantee free repairs including all spare and worn parts (except batteries) with a five-day turnaround.



# Smart-Ex®

#### ANDROID™ 4.4 (KIT KAT®) - LATEST ANDROID OPERATING SYSTEM

 $ANDROID^{TM}4.4$  enables this intrinsically safe device to be used in hazardous areas without any compromises compared to conventional smartphones:

- Collaborative Working
- Audits & Inspection
- Operator rounds
- Asset Tracking
- Monitoring

- Process Automation
- Indoor/ Outdoor Tracking & Navigation
- Safety / Security
- Man Down Lone Worker Protection
- Push to talk



#### 4.0" CAPACITIVE MULTI-TOUCH SCREEN

Made of extreme shock and scratch-resistant Gorilla Glass® 2, the large display increases the workers productivity due to the larger work surface.

The brightness, sharpness and resolution is much more easier on the eyes.

Whether wearing gloves or having wet fingers, the multi-touch display is always easy and exact to use.

Google Play Store certification cleans the way for more than 700,000 software applications. The FOTA (Firmware Over The Air) ability keeps the device everytime up to date. Just as you're used to it with your private Smartphone.

#### **WORKER SAFETY WITH SMART-EX 01**

An ultra-rugged, LTE/ WiFi/ Android smartphone, the Smart-Ex® 01 comes with unrivalled features:

- Such as a touch screen that can be viewed in direct sunlight and easily used with dirty or wet work gloves.
- An extremely loud speaker, noise cancellation, a powerful battery, water and drop resistance and an optional 3-Year Service Level Agreement are just some features of the Smart-Ex® 01 that provide peace of mind to enterprises and workers alike.
- Access to productivity applications and worker safety as well as a full suite of industrial-grade accessories completes the solution.

In extreme and often dangerous working environments where every step is critical, you don't settle for less than the best – Smart-Ex® 01.

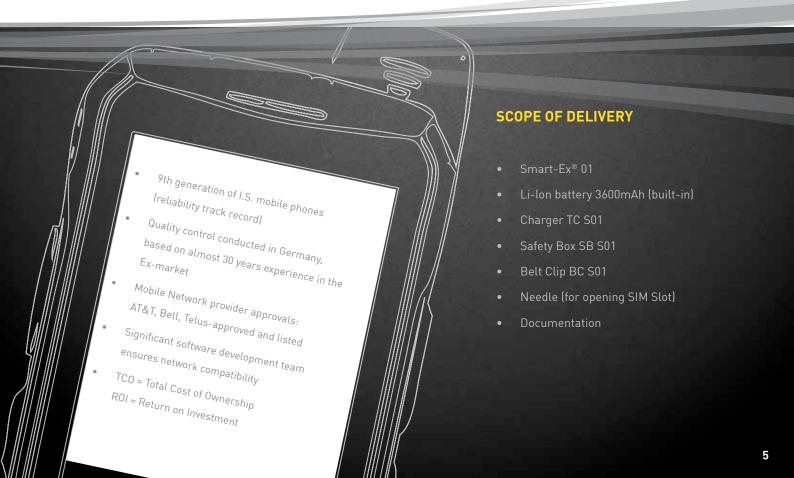


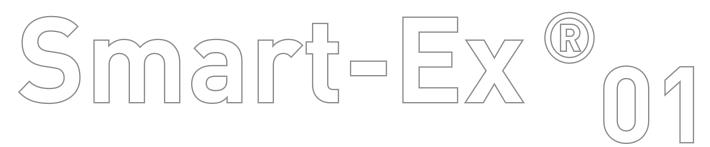


## MAKE ALL THE DIFFERENCE

#### **ALSO AVAILABLE**







TECHNICAL DATA			
CORE PLATFORM / FUNCTIONS			
Operating System	Android 4.4		
Chipset	MSM8926 1.2 GHz Quad core		
Band	4G / LTE-standard EU: B1, B3, B7, B8, B20, B38 (TDD) US: B1, B2, B3, B4, B5, B7, B8, B12, B14, B17	Quad Band UMTS 850 / 900 / 1900 / 2100 MHz Quad Band GSM 850 / 900 / 1800 / 1900 MHz	
Antenna	MIMO antenna for LTE		
WiFi	802.11 a / b / g / n dual-band, WiFi Direct, WiFi Hotspot		
Memory	16GB Internal Storage / 1GB RAM		
User memory	12GB		
Applications	Google Play		
CONNECTIVITY			
Bluetooth SMS, MMS (text, image, audio, video)	BT4.0 / BLE (Low Energy) Support SMS and MMS		
GPS, NFC	GPS, GLONASS, NFC		
Languages supported	Arabic, Simplified Chinese, Croatian, Czech, Danish, Dutch, English, Finnish, French, German, Greek, Hungarian, Italian, Norwegian, Persian, Polish, Portuguese, Romanian, Russian, Spanish, Swedish, Turkish		
Email Client	EAS, Gmail, POP3, IMAP		
Connectivity			
Capacity (mAh)	3600 mAh		
Battery Life	Up to 1000 hours Stand by, up to 40 hours talk time		
PHYSICAL CHARACTERISTICS			
Ambient temperature	-20°C+55°C		
Protection class	IP68		
Size	137 mm x 72.1 mm x 26,9 mm (5.39" x 2.54" x 1,05")		
Weight	approx. 380 g		
Certifications	FCC, PTCRB, IEEE1725, CEC, Bluetooth SIG, WFA, IC		
Dedicated Keys	PTT key / Alarm key / Power key		
Ports	3.5 mm audio connector / Magnetic USB connector plug		



DISPLAY		
Size	4.0 inch	
Туре	Corning Gorilla® Glass 2 with Glove Touch, Blanview Display	
Resolution	WVGA (480x800)	
Outdoor Visibility	Yes	
Capacity	16.7 M color	
Audio		
Microphone	Dual Mic Solution with Noise cancellation	
Speaker	19 mm Loud Speaker with Gore® Protective Vents, Output up to 103 dB	
MULTIMEDIA		
Audio Formats	MP3, WMA 9, AAC, ACC+, eAAC+, AMR-NB/WB	
Video Formats	Support AVI, MP4, 3GPP	
Media Player	Android native + GMS	
FM Radio	Yes	
Camera	8 MP auto focus rear, 1 MP fixed focus front	
LED torch light	Yes	

#### **OPTIONAL ACCESSORIES / PERIPHERAL DEVICES**

- Car charger
- Leather case
- Leather holtster
- Single-bay desktop charger
- 4-bay desktop charger
- USG connector plug

- Stylus
- Non-IS stereo headset
- IS headset ComCom Ex"
- IS in-ear noise reduction headset "Serenity SPC Ex"
- Bluetooth Remote Speaker Mic "Ex-RSM Aurelis BT"



#### **EMEA**

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