Smartphone Smart-Ex® 02 Series

Smart-Ex02-ROW-DZ2AIC-ANDC00..

- Replaceable SIM
- Global certificates - a common hardware platform
- Android 9 operating system
- Wireless connections such as WWAN, 4G LTE, WLAN, etc.
- Android Enterprise Recommended verified device
- GPS
- NFC technology for wireless applications
- Service contract
- Special buttons for lone worker protection (LWP) applications
- Programmable hardware buttons
- Latest available Android version for this device

Smart-Ex 02 DZ21 (DIV 2 &Zone 2/22), latest available Android firmware release, with camera, global version

Technical Data

Hardware	
Processor	Qualcomm Snapdragon 450
Working memory	RAM 3 GByte
Camera	
Front camera	5 MP
Main camera	12 MP Autofocus , LED flash
Optional data memory	Micro SD flash card up to 128 GByte
Internal data memory	32 GByte
Speaker	Forward facing main speaker with Gore® cone
Microphone	Dual-mic solution with three selectable background noise suppression options
Indicators/operating means	
Display	Can be operated while wearing gloves Extreme shock and scratch resistant Gorilla® glass
Touchscreen technology	Capacitive multitouch
Screen diagonal	12.7 cm
Resolution	720 x 1280 pixels
Electrical specifications	
Battery type	Li-Ion battery 16.28 WH 3.7 V 4400 mAh
Operating duration	LTE standby time: up to 350 h
Communication	
Mobile standard	
2G	GSM: 850 MHz, 900 MHz, 1800 MHz, 1900 MHz
3G	UMTS: 850 MHz, 900 MHz, 1700 MHz, 1900 MHz, 2100 MHz
4G	LTE FDD: B1, B2, B3, B4, B5, B7, B8, B11, B12, B13, B20, B21, B25, B26, B28, B66, B71 LTE TDD: B38, B39, B40, B41
WLAN	802.11 a/b/g/n/ac/e/k/r/h (2,4 GHz + 5 GHz)
Bluetooth	Bluetooth® 4.2
GPS sensor	GPS, A-GPS, Glonass, Beidou, Galileo
NFC	yes
SIM card	Dual Nano-SIM
Software	

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Technical Data

Operating system	Android™ 9 , Android Enterprise Recommended verified device
SMS/MMS	yes
Ambient conditions	
Ambient temperature	-20 ... 60 °C (-4 ... 140 °F)
Mechanical specifications	
Degree of protection	IP68 , MIL-STD-810G
Connection	Waterproof magnetic USB 2.0 port 3.5 mm jack connection with special ecom mounting solution
Mass	approx. 380 g
Dimensions	H x W x D 163 mm x 82 mm x 22 mm
Data for application in connection with hazardous areas	
ATEX approval	
ATEX certificate	EPS 19 ATEX 1 069 X
ATEX marking	Ⓔx II 3G Ex ic op is IIC T4 Gc IP64 Ⓔx II 3D Ex ic op is IIIC T120°C Dc Ta = -20 °C to +60 °C
International approvals	
SGS approval	
SGS certificate	Class I, II, III, Division 2 Group A-G T4 IP 64 Ex ic IIC T4 Gc Ex ic IIIC T120°C Dc Cl I Zn 2, AEx ic IIC T4 Gc Zn 22, AEx ic IIIC T120°C Dc Ta = -20 °C to +60 °C, IP 64
IECEx approval	
IECEx certificate	IECEx EPS 19.0032X
IECEx marking	Ex ic op is IIC T4 Gc IP64 Ex ic op is IIIC T120°C Dc Ta = -20 °C to +60 °C
Approved for	Albania, Austria, Azerbaijan , Bahrain, Belgium, Bosnia &Herzegovina, Bulgaria, Canada, Ceuta, Croatia, Cyprus, Czech Republic, Denmark, Egypt, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Iraq, Ireland, Israel, Italy, Kuwait, Latvia, Lichtenstein, Lithuania, Luxembourg, Macedonia, Malta, Montenegro, Myanmar, Netherlands, Norway, Poland, Portugal, Romania, Saudi Arabia, Serbia, Slovak Republic, Slovenia, Spain, Sweden, Switzerland, Turkey, United Kingdom, USA
General information	
Scope of delivery	Smart-Ex® 02 Li-Ion battery Charger USB cable Screwdriver Documentation

Accessories

	RL ID01	Retractable Lanyard
	Ex-BP S02	Battery pack
	LH S02	Leather holster
	SUCTION CUP HOLDER	Suction cup holder for Smart-Ex 02 &Ex-Handy 10
	EXT-C2LCOIL CLIP2LOOP COIL	Clip2Loop Coil Tether
	TORX T8 SCREWDRIVER	Torx screwdriver for Smart-Ex® 02 &Ex-Handy 10

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Accessories

	TC S02 Travel Charger	Travel charger
	LC S02	Leather case for Smart-Ex® 02
	MINI QD LOOP	Mini QD Loop
	CC S01-R	Car charger
	DS S02	Docking station
	DC EX-BP S02	Battery pack charger for Ex-BP S02 &BP S02
	BC-Ex	Belt clip with QuickFix
	ST 01	Stylus pen
	CR-EX S02	Cradle for Smart-Ex® 02
	Tether ST 01 Stylus	Stylus tether
	PC S02	USB Charging Cable for Smart-Ex 02 and Ex-Handy 10

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