






Ex-Handy 09 & Ex-Handy 209

DELIVERING MOBILITY
IN HAZARDOUS AREAS

Ex-Handy

| CERTIFICATION | | |
|---|---|--|
| | EX-HANDY 09 | EX-HANDY 209 |
| ATEX  | Ⓢ II 2 G Ex ib IIC T4 Gb IP64 Ⓢ II 2 D Ex ib IIIC T135°C Db IP6X | Ⓢ II 3G Ex ic IIC T4 Gc IP64 Ⓢ II 3D Ex ic IIIB T135°C Dc |
| IECEX  | Ex ib IIC T4 Gb IP64 Ex ib IIIC T135 ° C Db IP6X | Ex ic IIC T4 Gc IP64 Ex ic IIIB T135°C Dc IP6X |
| NEC & CEC  | Class I, II, III Div 1 Groups AG T4 | Class I, Division 2, Groups A,B,C,D, T4 |

Intrinsically Safe Featurephone **Ex-Handy 09/209**

ZONE 1 / 21, ZONE 2 / 22 , DIV 1 / DIV 2

RANGE OF FUNCTIONS

- Sim lock free
- Touch Screen and Numeric Keypad
- High Visibility Display in Direct Sunlight
- 4G LTE cellular network connectivity
- Android™ 4.4 Kit Kat® Operating System
- Wifi 802.11 a/b/g/n with hotspot feature
- Long Battery Life
- Powerful Loudspeaker
- Protection from micro particles
- Waterproof to IP68 standards
- High Shock/Vibration Resistance
- Extreme Temperature Resistance
- Resistant to extreme pressure
- High puncture resistance
- Resistant to most oils and chemicals
- Optional Service Level Agreement 3 years (SLA)
- PTT - Push to talk (optional)

EXPERIENCE THE EX-HANDY 09/209 FEATUREPHONE



ZONE 2/22. DIV 2



OPTIONAL ACCESSORIES / PERIPHERAL DEVICES

- Car charger
- Leather case
- Leather holster
- Single-bay desktop charger
- 4-bay desktop charger
- USB connector plug
- Stylus
- IS headset "ComCom Ex"
- IS in-ear noise reduction headset "Serenity SPC Ex"
- Bluetooth Remote Speaker Mic "Ex-RSM Aurelis BT"
- Non-IS stereo headset

SCOPE OF DELIVERY

- Ex-Handy 09 / 209
- Li-Ion battery 3600mAh (built-in)
Li-Ion battery 4800mAh (built-in)
- Charger TC S01
- Safety Box SB S01 / USB data cable
PC S201
- Belt Clip BC H09 / 209
- Needle (for opening SIM Slot)
- Documentation

TECHNICAL DATA

CORE PLATFORM / FUNCTIONS

| | ZONE 1 | ZONE 2 |
|------------------|--|--|
| Operating System | Android 4.4 | Android 4.4 |
| Chipset | MSM8926 1.2 GHz Quad core | MSM8926 1.2 GHz Quad core |
| Band | 4G / LTE-standard EU: B1, B3, B7, B8, B20, B38 (TDD) Quad Band UMTS 850 / 900 / 1900 / 2100 MHz US: B1, B2, B3, B4, B5, B7, B8, B12, B17 Quad Band GSM 850 / 900 / 1800 / 1900 MHz | 4G / LTE-standard EU: B1, B3, B7, B8, B20, B38 (TDD) Quad Band UMTS 850 / 900 / 1900 / 2100 MHz US: B1, B2, B3, B4, B5, B7, B8, B12, B17 Quad Band GSM 850 / 900 / 1800 / 1900 MHz |
| WiFi | 802.11 a / b / g / n dual-band, with Hotspot feature | 802.11 a / b / g / n dual-band, with Hotspot feature |
| Memory | 8GB Internal Storage / 1GB RAM | 8GB Internal Storage / 1GB RAM |
| User memory | 4GB | 4GB |
| Applications | Google Play Store applications | Google Play Store applications |

CONNECTIVITY

| | | |
|--|--|--|
| Bluetooth SMS, MMS (text, image, audio, video) | BT4.0 / BLE (Low Energy) Support SMS and MMS | BT4.0 / BLE (Low Energy) Support SMS and MMS |
| GPS, NFC | GPS, GLONASS | GPS, GLONASS |
| Languages supported | Arabic, Simplified Chinese, Croatian, Czech, Danish, Dutch, English, Finnish, French, German, Greek, Hungarian, Italian, Norwegian, Polish, Portuguese, Romanian, Russian, Spanish, Swedish, Turkish | Arabic, Simplified Chinese, Croatian, Czech, Danish, Dutch, English, Finnish, French, German, Greek, Hungarian, Italian, Norwegian, Polish, Portuguese, Romanian, Russian, Spanish, Swedish, Turkish |
| Email Client | EAS, Gmail, POP3, IMAP | EAS, Gmail, POP3, IMAP |
| Capacity (mAh) | 3600 mAh | 4800 mAh |
| Battery Life | Up to 1000 hours Stand by, up to 40 hours talk time | Up to 1000 hours Stand by, up to 40 hours talk time |

PHYSICAL CHARACTERISTICS

| | | |
|---------------------|--|--|
| Ambient temperature | -20°C.....+55°C | -20°C.....+55°C |
| Protection class | IP68 | IP68 |
| Size | 137 mm x 65 mm x 26.9 mm [5.39" x 2.54" x 1.05"] | 137 mm x 65 mm x 26.9 mm [5.39" x 2.54" x 1.05"] |
| Weight | approx. 330 g | approx. 270 g |
| Dedicated Keys | PTT key / Alarm key / Power key | PTT key / Alarm key / Power key |
| Ports | 3.5 mm audio connector | 3.5 mm audio connector |

| DISPLAY | | |
|--------------------|---|---|
| Size | 2.6 inch | 2.6 inch |
| Type | Corning Gorilla® Glass 2 with Glove Touch, Blanview Display | Corning Gorilla® Glass 2 with Glove Touch, Blanview Display |
| Resolution | 432 x 320 | 432 x 320 |
| Outdoor Visibility | Yes | Yes |
| Capacity | 16.7 M color | 16.7 M color |
| Audio | | |
| Microphone | Dual Mic Solution with Noise cancellation | Dual Mic Solution with Noise cancellation |
| Speaker | 19 mm Loud Speaker with Gore® Protective Vents, Output up to 103 dB | 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 | MP3, WMA 9, AAC, ACC+, eAAC+, AMR-NB/WB |
| Video Formats | Support AVI, MP4, 3GPP | Support AVI, MP4, 3GPP |
| Media Player | Android native + GMS | Android native + GMS |
| FM Radio | Yes | Yes |
| Kamera | - | 5-MP Autofocus camera back side |
| LED torch light | Yes | Yes |

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