

IS540.2 Smartphone Set Art. No. 317431



- 5G / Wi-Fi 6 explosion-protected smartphone with high-end chip set
- 6" display, 48 MP camera, replaceable 4400 mAh battery
- Android Enterprise Recommended
- Zero touch capable
- MDM compatible
- Programmable red key (e.g. for lone worker protection/SOS)

MY R. STAHL MPHONEA



The new 5G smartphone features the latest technology in the explosion protected smartphone segment. With its 6-inch full HD display and a high-end chip set, the smartphone supports a wide range of frequency bands, and its 48 MP main camera produces high-quality images. The high-end processor ensures fast data processing for advanced industrial applications such as predictive maintenance. Since 5G is not the standard everywhere, our portfolio also includes 4G smartphones and other push-button telephones that can be used in many ways with the ISM interface. Other additional modules such as an RSM, PTT headsets, professional barcode scanners and a thermal imaging cameras turn the smartphones into powerful multi-function devices. Our mobile experts will be happy to explain how to best integrate these devices into mobile solutions with other products: [stahl.com">sales.dehm@r-stahl.com](mailto:sales.dehm@r-stahl.com)

Technical Data

| General | |
|---------------------------------|---|
| Technology | Telephone |
| Version | Smartphone |
| Explosion Protection | |
| Application range (zones) | 2, 22 |
| Application range | Zone 2, Zone 22 |
| Scope | EU (CE / ATEX) Global (IECEX) Australia (RCM) United Arab Emirates (UAE) |
| IECEX certification | EPS 23.0003X |
| ATEX certification | EPS 23 ATEX 1 013 X |
| IECEX gas explosion protection | Ex ic IIC T4 Gc |
| IECEX dust explosion protection | Ex ic IIIC T135°C Dc |
| ATEX gas explosion protection | ⊕ II 3G Ex ic IIC T4 Gc |
| ATEX dust explosion protection | ⊕ II 3D Ex ic IIIC T135°C Dc |
| Electrical Data | |
| Processor type | Qualcomm QCM6490 |
| Main memory | 8 GB |
| Data memory | 128 GB int. + SD up to 128 GB |
| Operating system | Android 12 |
| Mobile standard | 2G, 3G, 4G, 5G |
| Interface medium | 802.11 a/b/g/n/ac/ax/e/k/r/v |

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Electrical Data

| | |
|-----------------------|-----------------------------|
| Optional interface 1 | Bluetooth 5.2 |
| Optional interface 2 | 40 MP camera (reverse side) |
| Addition 3/Option box | 5 MP front camera |
| SD card type/size | MicroSD/up to 128 GB |
| SIM card number | Double SIM |
| SIM card size | Micro |

Display

| | |
|------------------------|--------------------------------|
| Display size in inches | 6.00 |
| Display size in cm | 15.24 |
| Display resolution | FHD 1080x2160 pixels |
| Touch screen | Capacitive |
| Touchscreen material | Gorilla glass corning 3rd gen. |
| Backlight | LED technology |

Ambient Conditions

| | |
|---------------------|----------|
| Ambient temperature | -20 – 60 |
|---------------------|----------|

Mechanical Data

| | |
|---------------------------|---------|
| Degree of protection (IP) | IP68 |
| MIL-standard | 810H |
| Width | 85 mm |
| Height | 180 mm |
| Depth | 21 mm |
| Weight | 0.93 lb |

We reserve the right to make alterations to the technical data, dimensions, weights, designs and products available without notice. The illustrations cannot be considered binding.