

BARTEC SP9EX1 SMARTPHONE CAMERA VERSION



\$3,910.50 GST included

SKU: 17-S19P-31110112 | **Categories:** [Intrinsically Safe](#), [Smartphone](#) |



PRODUCT DESCRIPTION

World's most compact 5G Smartphone Camera for Zone 0/Zone 1/Division 1

Engineered for the utmost safety and performance in hazardous environments, the BARTEC SP9^{EX1} Smartphone is synonymous with reliability. Combining a robust yet refined design, it balances ruggedness with elegance, ensuring functionality without compromise. As the world's most compact 5G smartphone for ATEX/IECEx Zone 0/1/21 and NEC Class I, II, III, Division 1, it sets a new standard in hazardous area communication.

With a broad range of accessories, Android 15™, and comprehensive lifecycle support, the BARTEC SP9^{EX1} Smartphone ensures reliable performance from deployment throughout its lifespan, delivering exceptional safety and efficiency in even the most challenging environments.

Features & Benefits

- **Compact and lightweight:** Designed and optimized for all-day productivity and one hand use.
 - **Intrinsically safe design:** Over 1,000 dedicated components ensuring ex protection.
- **Fast 5G network connectivity:** Qualcomm® QCM6490 processor supporting both public and private 5G network connectivity.
- **Low-light optimized camera:** 48MP main camera and 8MP front camera for video calls.
 - **Rugged:** MIL-STD-810H and IP68 rated for water and dust resistance

Hardware Specifications

- **Processor:** Qualcomm® QCM6490 Octa Core 2.7 GHz
 - **Memory (RAM):** 8 GB
 - **Mass Storage:** 128 GB
 - **Display:** 6.1" AMOLED
 - **Resolution:** 1080 x 2340 pixels
- **Front Glass:** Gorilla® Glass Victus® (generation 8)
- **Touch Function:** Capacitive Touch (Stylus, bare or gloved fingertip input)
- **Size (L x W x H):** 168.7 mm x 83.4 mm x 17.9 mm (6.6 inch x 3.3 inch x 0.7 inch)
 - **Weight (with battery):** 350 g (0.77 lb)
- **Battery:** Lithium-ion battery 3.68 V/4300 mAh (15.8 Wh)

Connectivity and Network

- **WLAN-WiFi:** Wi-Fi 6 IEEE 802.11a/b/g/n/ac/ax, 2x2 MU-MIMO, Dual band Simultaneous (up to 2042 Mbps data rate and 160 MHz bandwidth)
 - **Bluetooth:** Bluetooth® 5.2 (including Low Energy long range and multiple broadcasts)
 - **GNSS:** GPS, A-GPS, Glonass, Galileo, and BeiDou
- **NFC:** Read/write NFC tags (e.g., ISO 14443 Type A), contactless payments, and card emulation

Camera and Audio

- **Back Camera:** 48 MP with Auto Focus
 - **Front Camera:** 8 MP
- **Voice & Audio:** Two microphones, Vibrate alert, Speaker, Bluetooth wireless headset support, High-quality speakerphone
- **Notifications:** Audible tone, multi-color LEDs, vibration

Additional Features and Accessories

- **Operating System:** Android 15™
- **Operating Temperature:** -20 °C to +55 °C (-4 °F to +131 °F)
 - **Protection Class (IEC 60529):** IP68
 - **External I/O:** Charging pins, USB-C Port
- **Sensors:** Accelerometer/Gyroscope, Magnetometer/Compass, Pressure/Barometer, Proximity, Ambient light
- **Buttons:** 1x on/off button, 2x programmable function button (for PTT, Emergency call or other functions), 1x volume buttons (+/-)
- **Scope of Delivery:** BARTEC SP9^{EX1} Smartphone, Battery, Battery tool, USB-C cable, Quick Start Guide
 - **Required (not included):** USB-C Charger (e.g., Wall Charger Type G7-S0Z0-0014/0015/0016/0017)

- [Smartphone Camera Data Sheet](#)
- [Bartec SP9 EX1 Smartphone Accessories](#)
 - [IECEX COC](#)

