

SAMSUNG

Galaxy S9 Tactical Edition

Mission-Ready Mobility

Built for the Hyper-Enabled Operator



Galaxy S9 Tactical Edition



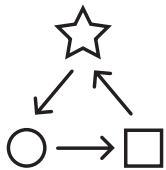
Enhance situational awareness with the mission-ready military smartphone.

Tactical teams constantly adapt to evolving threats and operating environments. Operators require reliable access to voice, video and data communications to execute the mission and get home safely.

Built with the hyper-enabled operator in mind, the Galaxy S9 Tactical Edition is the mission-ready End User Device, purpose-built for deployment in tactical environments.

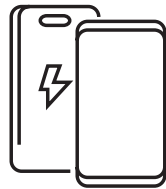
Resulting from years of experience creating tailored solutions for military and defense customers, the Galaxy S9 Tactical Edition features a pre-made software suite, powerful edge computing platform, and intuitive tactical UX to support cross-domain communications in degraded and highly contested environments.

Certified for use in classified communications, the Galaxy S9 Tactical Edition is protected by Samsung Knox defense-grade security¹ and backed by Samsung Support Services, making us your trusted partner for tactical communications in evolving operational environments.



Interoperable

The Galaxy S9 Tactical Edition supports common tactical radio protocols and diverse mission systems out of the box, to deliver persistent communications in degraded and highly contested environments.



Powerful Edge Computing

The Galaxy S9 Tactical Edition is a powerful, compact End User Device (EUD) capable of processing real-time data feeds at the edge for enhanced C2ISR across domains.



Purpose-Built

The Galaxy S9 Tactical Edition keeps the operator focused on the objective with a purpose-built tactical UX designed for rapid information consumption and enhanced control in diverse operating environments.



Secure and Proven

The Galaxy S9 Tactical Edition provides a COTS solution that's certified for use in classified communications and built on our heritage of developing custom mobility solutions for demanding military and tactical customers.

Powerful and efficient.

Decentralized tactical computing. Purpose-built to meet the requirements of the hyper-enabled operator, the Galaxy S9 Tactical Edition integrates enterprise-grade hardware with a tailored suite of software to interoperate seamlessly with tactical radio systems and applications. The S9 Tactical Edition conserves energy for the fight ahead with an efficient mobile processor, long battery life, and fast wireless charging to reduce impact on external battery packs.

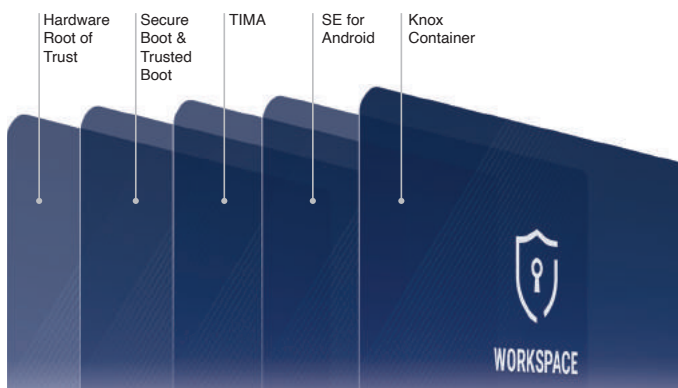
Deploy and conquer. With the flexibility to be managed in hosted or on-premise environments, the Galaxy S9 Tactical Edition can be rapidly configured and deployed into the hands of the operator. As operational requirements evolve, the Galaxy S9 Tactical Edition scales quickly to ensure agility in the face of new threats and technologies.

Get the full operational picture.

Enhance situational awareness. The Galaxy S9 Tactical Edition interoperates with existing tactical radios and applications including ATAK, KILSWITCH, NGP and more. With support for voice, video and data communications, you have access to secure VoIP, VPN connectivity, web-based email, and wired data connectivity.



Secure your next objective. To maintain security as networks and operating systems evolve, Samsung provides six-month security updates for the Galaxy S9 Tactical Edition throughout its two-year lifecycle.



Battle-tested and proven effective. The Galaxy S9 is IP68-certified to withstand dust, dirt, sand and submersion up to a depth of 1.5M for up to 30 minutes.² Flexible to fit with your unique tactical kit configuration, the Galaxy S9 Tactical Edition is supported by a robust network of ecosystem partners.

Juggernaut.Case™
smartphones on the battlefield

carahsoft.

BLACK DIAMOND
ADVANCED TECHNOLOGY

KÄGWERKS
NEVER A FAIR FIGHT

Glennair®

HARRIS®

REVISION.

PERSISTENT SYSTEMS

Viasat™

SAMSUNG
SAMSUNG SDS AMERICA

Meet the highest standards.

Secured down to the hardware. To maintain the integrity of the mission, communication systems must be secure. The Galaxy S9 Tactical Edition features Samsung Knox, the mobile security platform built from the chip up to maintain the integrity of mission-critical data from the moment the device is turned on.¹ Enabled for classified use, the Galaxy S9 Tactical Edition is NIAP-validated for the MDFPP with Common Criteria, is on the DoD UC APL, is FIPS 140-2 compliant, has a DISA STIG, is IP68-rated,² and is on the NSA's CSfC Components list.



DISA



Deploy and conquer.

Forged in the line of duty. The Galaxy S9 Tactical Edition is the result of years of experience creating mission-critical solutions for our most demanding customers. Tailored to the needs of the military, special operations, law enforcement and intelligence communities, the Galaxy S9 Tactical Edition delivers a scalable, affordable solution built on our highly secure Knox platform.



Main Features



Tactical Radio Support Out of the Box

Pre-configured software includes drivers that support tactical radios and mission-critical device protocols.



Eliminate Vulnerabilities

Three SMRs provide security updates throughout the life of the device.



Clear View of the Mission

5.8" Quad HD+ curved Super AMOLED screen provides crystal-clear visibility of tactical applications.



Leave the Gloves On

Auto-touch sensitivity automatically adjusts operation for gloved hands.



Stay Connected to What Matters

Multi-ethernet capabilities provide dedicated connections to multiple mission systems including:

- Ariel and ground-based video feeds
- Laser range finders
- External GPS



Night Vision Mode

API enables Night Vision Mode with the ability to turn LED and LCD backlight off and on.



Defense-Grade Security

Certified for use in classified communications, the Galaxy S9 Tactical Edition with the Samsung Knox security platform is CSFC, CC MDF PP, DoD APL, STIG FIPS 140-2 and IP68 certified.



Full Operational Picture

Capture valuable in-theater intelligence with the 12 MP Optical Image Stabilization rear camera for superior images or full-motion 1080p video.



Efficiently Run Multiple Apps

The powerful 10nm 64-bit Octa-core processor seamlessly runs multiple tactical applications while minimizing battery impact.



Tactical App Quick Launch

Remappable Bixby button enables one-touch quick launch/hide of tactical applications such as TAK or KILSWITCH.



Stealth Mode

APIs allow for the disabling of LTE and e-911, as well as muting all RF broadcasting for complete off-grid comms.



Private SIM/Network Support

The Galaxy S9 Tactical Edition supports private SIM/ Networks (non-commercial SIM cards may require manual APN configuration).



USB Communication

The Galaxy S9 Tactical Edition supports USB feature extension, Multi-Ethernet, RNDIS, and USB OTG+ charging.

Galaxy S9 Tactical Edition

Specifications	Galaxy S9
Display ³	5.8" (146.5 mm) Quad HD+ Super AMOLED, 2960 x 1440 Resolution (570 ppi), Curved Dual-Edge Screen, 18.5:9
SKU	SM-G960UZKAN14
Processor	Qualcomm SDM845, Octa-Core 2.8 GHz (2.65 GHz Quad + 1.7 GHz Quad), 64 bit, 10nm Application Processor
Network ⁴	LTE Cat 18, The S9 Tactical Edition Operates on the AT&T Network Only in the United States
OS	Android™ 8.0
Dimensions	5.8" x 2.7" x 0.3", 5.7 oz.
Camera	Rear: 12MP OIS (f1.5/2.4) Dual Pixel Front: 8MP (f1.7) Smart Autofocus 960 fps Super Slow-Mo
Video Recording	Rear: UHD 4K Front: QHD
Battery	3000 mAh ⁵ Wired and Wireless Fast Charging, Wireless Charging Compatible with WPC and PMA ⁶
Memory / Storage	Memory: 4 GB RAM (LPDDR4) / Storage: 64 GB, Expandable up to 400 GB with Additional MicroSD Card ⁷
Audio	MP3, M4A, 3GA, AAC, OGG, OGA, WAV, WMA, AMR-NB, AMR-WB, AWB, FLAC, MID, MIDI, XMF, MXMF, IMY, RTTTL, RTX, OTA, DSF, DFF, Vorbis, Opus
Video	MP4, MP43, M4V, 3GP, 3G2, WMV7, WMV8, VP8, VP9, ASF, AVI, FLV, MKV, WEBM, H.263, H.264 (AVC), H.265 (HEVC)
Connectivity ⁸	Wi-Fi 802.11 a/b/g/n/ac (2.4/5GHz), Wi-Fi Direct, Mobile Hotspot, VHT80 MU-MIMO, 1024QAM Bluetooth® 5.0 (LE up to 2Mbps), ANT+ Location (GPS, Galileo, Glonass, BeiDou) USB 3.1 Type-C, NFC
Sensors	Accelerometer, Barometer, Fingerprint, Gyro, Geomagnetic, Hall, Heart Rate, Proximity, RGB Light, Iris, Pressure
Additional Features ⁹	IP68 ² , Knox™ 3.1, Samsung DeX™, Bixby® (Vision, Home, Reminder), Samsung Connect, Samsung Pass, Samsung Cloud, Samsung Health ¹⁰ , Samsung Pay (NFC, MST), Samsung Internet
Protocols	RNDIS: Enable Ethernet-Over-USB, Provide a Virtual Ethernet Link ASIX: Enable USB to Serial Applications CDC ECM: Ethernet Control Model (ECM) - Ethernet Driver CDC EEM: Ethernet Emulations Model (EMM) - Ethernet Driver CDC NCM: Network Control Model for Ethernet-Over-USB Applications, Integrate with L3 WPAN Multiple Ethernet Interface: Connect to Ethernet Devices such as TaLink 3300 and SIR 2.5 Using Either RNDIS or ASIX Support PPPD: Enable Connection to Harris 152A/Harris SA

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For complete product information and accessories, visit samsung.com/business samsung.com/government

insights.samsung.com samsung.com/tacticaledition

Product support: 1-866-SAM4BIZ | Follow us: [youtube.com/samsungbizusa](https://www.youtube.com/samsungbizusa) [@SamsungBizUSA](https://twitter.com/SamsungBizUSA)

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¹For the full list of Knox certifications, please visit samsungknox.com. ²Water-resistant in up to 5 feet of water for up to 30 minutes. Rinse residue and dry device after getting it wet. ³Measured diagonally, the screen size is 5.8" as a full rectangle and 5.6" accounting for the rounded corners. ⁴May differ by markets and mobile operators. ⁵Battery power consumption depends on factors such as network configuration; carrier; signal strength; operating temperature; features selected; vibrate mode; backlight settings; browser use; frequency of calls; and voice, data and other application usage patterns. ⁶Adaptive Fast Charging requires an AFC-compatible charger to work. Wireless charging pad sold separately. ⁷MicroSD card sold separately. ⁸Galileo and BeiDou coverage may be limited. ⁹Additional features may vary by mobile operator. ¹⁰Not a medical monitoring/diagnostic device. Accuracy of data provided by this device and related software, including heart rate readings, may vary based on environmental/skin conditions, settings/user input, activities performed, and other end-user interactions. For more information, see samsung.com/us/heartratesensor and in-app disclosures.