

Item	Phone form Factor with Barcode Scanner
Display	<ul style="list-style-type: none"> · 4.7 inch or bigger, High definition · Outdoor viewable in bright sunlight · Gorilla Glass · Auto adjustment of display brightness based on light sensor input
Touch panel	<ul style="list-style-type: none"> · Capacity touch with stylus, finger or gloved fingertip, multiple touch
Battery	<ul style="list-style-type: none"> · 4000 mAh Li-Ion or greater (if lower optimized battery management required to last at least a day during normal operations). <p>Replaceable</p> <p>Hot Swappable optional</p>
Expansion slots	<ul style="list-style-type: none"> · 128GB Micro SD or greater (user accessible)
SIM	<ul style="list-style-type: none"> · Single Micro/Nano SIM (Dual Micro/Nano SIM optional) <p>Dual Micro/Nano SIM optional</p>
Mobile network Connections	<ul style="list-style-type: none"> · Support for all SA mobile network operators · GSM, GPRS, 3G, 4G, LTE
Network Connections	<ul style="list-style-type: none"> · WLAN, Bluetooth, USB2.0(min) with OTG/Host,NFC (optional) <p>Bluetooth</p> <p>USB2.(min) with OTG/Host</p> <p>NFC</p>
Notification	<ul style="list-style-type: none"> · Audible tone, vibration, LED
Keypad	<ul style="list-style-type: none"> · External keyboard (optional) · Configurable hardware buttons (optional) <p>External keyboard</p>
Voice and Audio	<ul style="list-style-type: none"> · Support for noise cancellation <p>Bluetooth wireless headset support</p> <ul style="list-style-type: none"> · PTT headset support (optional)
Operating System	<ul style="list-style-type: none"> · Support for Android version 9 · Later Upgrade to Android 10+ will be advantageous
Preinstalled Software	<ul style="list-style-type: none"> · Android Play Services (Please note - The device must be included in Google's latest published list of publicly launched devices supported for use with Google Play) <p>Sygyic Fleet 3D (B2B) with lifetime license</p>
Certification	<ul style="list-style-type: none"> · Android Enterprise Recommended
Memory	<ul style="list-style-type: none"> · 4GB minimum
Storage	<ul style="list-style-type: none"> · 32Gb minimum
Internet Protocol support	<ul style="list-style-type: none"> · IPv4 and IPv6 support <p>IPv6 support</p>
CPU	<ul style="list-style-type: none"> · 2GHz, octa-core minimum
Ruggedness / Drop spec / Tumble/IPX	<ul style="list-style-type: none"> · 2000 x 1m tumbles · Drop Tested – 1.5m drop to concrete (minimum) · IP66 or higher
Temperature	<ul style="list-style-type: none"> · Operating -20°C to 50°C · Shock -30°C to 65°C rapid expansion
Motions sensors	<ul style="list-style-type: none"> · 3-axis Gyroscope · 3-axis accelerometer

	<ul style="list-style-type: none"> · Compass
Scanning	<ul style="list-style-type: none"> · Hardware barcode scanner 1D/2D
Camera	<ul style="list-style-type: none"> · 12MP rear (minimum) · 5MP front (minimum) · LED flash support, with flashlight capability
GPS	<ul style="list-style-type: none"> · Autonomous and Concurrent GPS · GPS accuracy: 5 meters or less
Security and Encryption	<ul style="list-style-type: none"> · Fingerprint scanner (optional) · Facial recognition (optional) · Retina scanner (optional) · WEP, WPA/WPA2 (TKIP & AES) – Personal & Enterprise
Eskom Distribution - Enterprise Application support	<ul style="list-style-type: none"> · Compatible with Service Suite Mobile application 9.7
Warranty	<ul style="list-style-type: none"> · 12 months minimum, replacement of defective device within 3 working days · Custom ROM allowed for security purposes
Accessories	<ul style="list-style-type: none"> · Power supply · Vehicle charger Thermal Camera OTG Extra battery 64GB SD Card Stylus Portable Vehicle mounting bracket
Support contract	<ul style="list-style-type: none"> · 2+ Year fix and swop out (optional) After sales support and spares available for minimum 5 year period
Loading testing and shipping	<ul style="list-style-type: none"> · Loading of required software, testing device for full functionality and shipping to specified address
Additional capabilities	Anything not listed but useful to business
Device availability and field test	<ul style="list-style-type: none"> · Device and accessories need to be available to load software and test in the field to ensure it works correctly. · Available to field test at least 7 days before technical evaluation. · Devices may be placed in high risk areas. The possibility of theft and damaged is likely and therefore suppliers need to ensure devices are insured.
Field test criteria	Pass/fail: User verification of mandatory requirements and overall usability e.g. : Software working correctly, screen readable in direct sunlight, GPS accuracy sufficient, vehicle bracket keeps device secure when driving in rugged terrain, sufficient battery life, decent signal reception (voice and data) camera quality, speaker volume audible during working conditions, drop test (slip from hand when working), screen responsiveness, etc.
Industry research	Pass/Fail: If research uncovers device specific flaws/failures reported by other industries/users e.g. battery lifetime degradation after a few months, battery swelling/explosion, screen failures, charge port issues , reception issues, etc.

Supplier Experience	Supplier must have at least have 5 years of mobility field work experience, Mobility Device management Experience and Mobility optimization experience.
Supplier - Name of Customer.	Current customers that's being supported on related to mobility field work experience, Mobility Device management Experience and Mobility optimization experience.

Phone form Factor with Thermal Camera

- 4.7 inch or bigger, High definition
- Outdoor viewable in bright sunlight
- Gorilla Glass
- Auto adjustment of display brightness based on light sensor input

· Capacity touch with stylus, finger or gloved fingertip, multiple touch

- 4000 mAh Li-Ion or greater (if lower optimized battery management required to last at least a day during normal operations).

Replaceable

Hot Swappable optional

- 128GB Micro SD or greater (user accessible)

- Single Micro/Nano SIM (Dual Micro/Nano SIM optional)

Dual Micro/Nano SIM optional

- Support for all SA mobile network operators
- GSM, GPRS, 3G, 4G, LTE

- WLAN, Bluetooth, USB2.0(min) with OTG/Host,NFC (optional)

Bluetooth

USB2.(min) with OTG/Host

NFC

- Audible tone, vibration, LED

- External keyboard (optional)

- Configurable hardware buttons (optional)

External keyboard

- Support for noise cancellation

Bluetooth wireless headset support

- PTT headset support (optional)

- Support for Android version 9

- Later Upgrade to Android 10+ will be advantageous

- Android Play Services (Please note - The device must be included in Google's latest published list of publicly launched devices supported for use with Google Play)

Sygy Fleet 3D (B2B) with lifetime license

- Android Enterprise Recommended

- 4GB minimum

- 32Gb minimum

- IPv4 and IPv6 support

IPv6 support

- 2GHz, octa-core minimum

- 2000 x 1m tumbles

- Drop Tested – 1.5m drop to concrete (minimum)

- IP66 or higher

- Operating -20°C to 50°C

- Shock -30°C to 65°C rapid expansion

- 3-axis Gyroscope

- 3-axis accelerometer

· Compass

- 12MP rear (minimum)
- 5MP front (minimum)
- Thermal Camera

- Autonomous and Concurrent GPS
- GPS accuracy: 5 meters or less

- Fingerprint scanner (optional)
- Facial recognition (optional)
- Retina scanner (optional)
- WEP, WPA/WPA2 (TKIP & AES) – Personal & Enterprise

· Compatible with Service Suite Mobile application 9.7

· 12 months minimum, replacement of defective device within 3 working days

· Custom ROM allowed for security purposes

- Power supply
 - Vehicle charger
- Thermal Camera OTG
Extra battery
64GB SD Card
Stylus
Portable Vehicle mounting bracket

· 2+ Year fix and swop out (optional)

After sales support and spares available for minimum 5 year period

· Loading of required software, testing device for full functionality and shipping to specified address

Anything not listed but useful to business

- Device and accessories need to be available to load software and test in the field to ensure it works correctly.
- Available to field test at least 7 days before technical evaluation.
- Devices may be placed in high risk areas. The possibility of theft and damaged is likely and therefore suppliers need to ensure devices are insured.

Pass/fail: User verification of mandatory requirements and overall usability
e.g. : Software working correctly, screen readable in direct sunlight, GPS accuracy sufficient, vehicle bracket keeps device secure when driving in rugged terrain, sufficient battery life, decent signal reception (voice and data) camera quality, speaker volume audible during working conditions, drop test (slip from hand when working), screen responsiveness, etc.

Pass/Fail: If research uncovers device specific flaws/failures reported by other industries/users e.g. battery lifetime degradation after a few months, battery swelling/explosion, screen failures, charge port issues , reception issues, etc.

Supplier must have at least have 5 years of mobility field work experience, Mobility Device management Experience and Mobility optimization experience.

Current customers that's being supported on related to mobility field work experience, Mobility Device management Experience and Mobility optimization experience.

Rugged Phone form Factor

- 4.7 inch or bigger, High definition
- Outdoor viewable in bright sunlight
- Gorilla Glass
- Auto adjustment of display brightness based on light sensor input

· Capacity touch with stylus, finger or gloved fingertip, multiple touch

- 4000 mAh Li-Ion or greater (if lower optimized battery management required to last at least a day during normal operations).

Replaceable

Hot Swappable optional

- 128GB Micro SD or greater (user accessible)

- Single Micro/Nano SIM (Dual Micro/Nano SIM optional)

Dual Micro/Nano SIM optional

- Support for all SA mobile network operators
- GSM, GPRS, 3G, 4G, LTE

- WLAN, Bluetooth, USB2.0(min) with OTG/Host,NFC (optional)

Bluetooth

USB2.(min) with OTG/Host

NFC

- Audible tone, vibration, LED

- External keyboard (optional)

- Configurable hardware buttons (optional)

External keyboard

- Support for noise cancellation

Bluetooth wireless headset support

- PTT headset support (optional)

- Support for Android version 9

- Later Upgrade to Android 10+ will be advantageous

- Android Play Services (Please note - The device must be included in Google's latest published list of publicly launched devices supported for use with Google Play)

Sygy Fleet 3D (B2B) with lifetime license

- Android Enterprise Recommended

- 4GB minimum

- 32Gb minimum

- IPv4 and IPv6 support

IPv6 support

- 2GHz, octa-core minimum

- 2000 x 1m tumbles

- Drop Tested – 1.5m drop to concrete (minimum)

- IP66 or higher

- Operating -20°C to 50°C

- Shock -30°C to 65°C rapid expansion

- 3-axis Gyroscope

- 3-axis accelerometer

· Compass

- 12MP rear (minimum)
- 5MP front (minimum)
- LED flash support, with flashlight capability

- Autonomous and Concurrent GPS
- GPS accuracy: 5 meters or less

- Fingerprint scanner (optional)
- Facial recognition (optional)
- Retina scanner (optional)
- WEP, WPA/WPA2 (TKIP & AES) – Personal & Enterprise

· Compatible with Service Suite Mobile application 9.7

· 12 months minimum, replacement of defective device within 3 working days

· Custom ROM allowed for security purposes

- Power supply
- Vehicle charger
- Thermal Camera OTG
- Extra battery
- 64GB SD Card
- Stylus
- Portable Vehicle mounting bracket

· 2+ Year fix and swop out (optional)

After sales support and spares available for minimum 5 year period

· Loading of required software, testing device for full functionality and shipping to specified address

Anything not listed but useful to business

- Device and accessories need to be available to load software and test in the field to ensure it works correctly.
- Available to field test at least 7 days before technical evaluation.
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Pass/fail: User verification of mandatory requirements and overall usability
e.g. : Software working correctly, screen readable in direct sunlight, GPS accuracy sufficient, vehicle bracket keeps device secure when driving in rugged terrain, sufficient battery life, decent signal reception (voice and data) camera quality, speaker volume audible during working conditions, drop test (slip from hand when working), screen responsiveness, etc.

Pass/Fail: If research uncovers device specific flaws/failures reported by other industries/users e.g. battery lifetime degradation after a few months, battery swelling/explosion, screen failures, charge port issues , reception issues, etc.

Supplier must have at least have 5 years of mobility field work experience, Mobility Device management Experience and Mobility optimization experience.

Current customers that's being supported on related to mobility field work experience, Mobility Device management Experience and Mobility optimization experience.

Tablet Form Factor	Requirement
· 7 inch or bigger, High definition	Mandatory
· Outdoor viewable in bright sunlight	Mandatory
· Gorilla Glass	Mandatory
· Auto adjustment of display brightness based on light sensor input	Mandatory
· Capacity touch with stylus, finger or gloved fingertip, multiple touch	Mandatory
· 6000 mAh Li-Ion or greater, replaceable preferred. (if lower optimized battery management required to last at least a day during normal operations).	Mandatory
Replaceable	Mandatory
Hot Swappable optional	Optional
· 128GB Micro SD or greater (user accessible)	Mandatory
· Single Micro/Nano SIM (Dual Micro/Nano SIM optional)	Mandatory
Dual Micro/Nano SIM optional	Optional
· Support for all SA mobile network operators	Mandatory
· GSM, GPRS, 3G, 4G, LTE	Mandatory
· WLAN, Bluetooth, USB2.0(min) with OTG/Host,NFC (optional)	Mandatory
Bluetooth	Mandatory
USB2.(min) with OTG/Host	Mandatory
NFC	Optional
· Audible tone, vibration, LED	Mandatory
· External keyboard (optional)	Mandatory
· Configurable hardware buttons (optional)	Optional
External keyboard	Optional
· Support for noise cancellation	Optional
Bluetooth wireless headset support	Optional
· PTT headset support (optional)	Optional
· Support for Android version 9	Mandatory
· Later Upgrade to Android 10+ will be advantageous	Optional
· Android Play Services (Please note - The device must be included in Google's latest published list of publicly launched devices supported for use with Google Play)	Mandatory
Sygy Fleet 3D (B2B) with lifetime license	Mandatory
· Android Enterprise Recommended	Mandatory
· 4GB minimum	Mandatory
· 32Gb minimum	Mandatory
· IPv4 and IPv6 support	Mandatory
IPv6 support	Optional
· 2GHz, octa-core minimum	Mandatory
· 2000 x 1m tumbles	Optional
· Drop Tested – 1.5m drop to concrete (minimum)	Mandatory
· IP65 or higher	Mandatory
· Operating -20°C to 50°C	Mandatory
· Shock -30°C to 65°C rapid expansion	Mandatory
· 3-axis Gyroscope	Optional
· 3-axis accelerometer	Optional

· Compass	Optional
· Hardware barcode scanner 1D/2D	Optional
· 12MP rear (minimum)	Mandatory
· 5MP front (minimum)	Optional
· LED flash support, with flashlight capability	Mandatory
	Optional
· Autonomous and Concurrent GPS	Mandatory
· GPS accuracy: 5 meters or less	Mandatory
· Fingerprint scanner (optional)	Mandatory
· Facial recognition (optional)	Optional
· Retina scanner (optional)	Optional
· WEP, WPA/WPA2 (TKIP & AES) – Personal & Enterprise	Mandatory
· Compatible with Service Suite Mobile application 9.7	Mandatory
· 12 months minimum, replacement of defect within 3 working days	Mandatory
· Custom ROM allowed for security purposes	Mandatory
· Power supply	Mandatory
· Vehicle charger	Mandatory
Thermal Camera OTG	
Extra battery	Mandatory
64GB SD Card	Optional
Stylus	Optional
Portable Vehicle mounting bracket	Optional
· 2+ Year fix and swop out (optional)	Optional
After sales support and spares available for minimum 5 year period	Mandatory
· Loading of required software, testing device for full functionality and shipping to specified address	Mandatory
Anything not listed but useful to business	Optional
· Device and accessories need to be available to load software and test in the field to ensure it works correctly.	
· Available to field test at least 7 days before technical evaluation.	
· Devices may be placed in high risk areas. The possibility of theft and damaged is likely and therefore suppliers need to ensure devices are insured.	Mandatory
Pass/fail: User verification of mandatory requirements and overall usability e.g. : Software working correctly, screen readable in direct sunlight, GPS accuracy sufficient, vehicle bracket keeps device secure when driving in rugged terrain, sufficient battery life, decent signal reception (voice and data) camera quality, speaker volume audible during working conditions, drop test (slip from hand when working), screen responsiveness, etc.	Mandatory
Pass/Fail: If research uncovers device specific flaws/failures reported by other industries/users e.g. battery lifetime degradation after a few months, battery swelling/explosion, screen failures, charge port issues , reception issues, etc.	Optional

Supplier must have at least have 5 years of mobility field work experience, Mobility Device management Experience and Mobility optimization experience.	Mandatory
Current customers that's being supported on related to mobility field work experience, Mobility Device management Experience and Mobility optimization experience.	Mandatory