CROSSCALL

STELLAR-M6

Performant and elegant, for a long time

The STELLAR-M6 is designed for users on the move to access and share information quickly and easily. On a day-to-day basis, it becomes a productivity ally with its ability to run dozens of applications for complex tasks or professions. Reassuring in its use, it has many assets. These include its long battery life and its ability to ensure the continuity of high-quality communication by optimising connection to available networks, even the most modern ones. Robust, waterproof and built to last, the STELLAR-M6 comes with a unique 5-year warranty, including battery. [2]

5G
AI
Noise reduction

35H
Talk time

IP68
(1,5 m drop)

400H
Standby time

WI-FI 6/6E
Up to 1.6 Gb/s download speed

SECURE element

MANUFACTURER WARRANTY
★ **5** ★
YEAR
BATTERY INCLUDED

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HIGH-PERFORMANCE, FUTURE-PROOF 5G SMARTPHONE

STELLAR-M6 incorporates technologies that guarantee its resilience in the face of future developments and the progressive deployment of infrastructures. It enables a wide range of business applications to be used seamlessly. For users, this means they can work with peace of mind without ever finding themselves in difficulty, particularly during face-to-face interaction.

- Processor: Qualcomm Octocore (2 A78@2,4Ghz + 6 A55 @2Ghz)
- 6 GB Ram – 128 GB flash memory
- 6.1" (HD+ resolution)
- Dual SIM slot, eSIM compatible
- Contactless payment (NFC) with EMVCo certification

OPTIMISED NETWORK CONNECTION

Over the course of a day, the STELLAR-M6 is particularly reassuring for users on the move, who share a great deal of information, whether voice or data. Its technology, which is totally transparent to the user, constantly optimises both transmit and receive connections. The STELLAR-M6's network connectivity performance is particularly impressive in areas with poor coverage, complex infrastructures such as large warehouses with technical Wi-Fi or private networks.

- Wi-Fi 6/6E (downloads up to 1.6 Gb per second)
- Wi-Fi MIMO 2x2 (improved signal strength and data flow)
- VoWi-Fi (replacement of existing DECT equipment)[2]
- Compatible with latest-generation private networks

MANUFACTURER WARRANTY
5 YEAR
BATTERY INCLUDED

LASTING COST-EFFICIENCY

In line with the societal commitments of a growing number of users, STELLAR-M6 has been designed to last longer, while limiting its ecological footprint. Its eco-design integrates the use of recycled materials. Its 5-year warranty, including the battery[2], is a decisive advantage in terms of optimising your investment. This warranty is a real pledge of reliability, it's also a way of favouring repair over replacement.

- Recycled aluminium chassis
- 5-year warranty
- Warranty battery included[2]

ENHANCED SECURITY

Because security is a major issue for businesses and individuals alike, the STELLAR-M6 has a reinforced security element. This stores sensitive data such as passwords, bank details and biometric information, and helps to secure communications. It is compatible with Google's Strongbox password management system.

- Security patches maintained until 2030[1]
- Secure Element EAL5+ certified
- AER certified

EXTENDED USER COMFORT

Autonomy is one of the STELLAR-M6's strong points. It ensures prolonged use with complete peace of mind without the slightest compromise in terms of acoustic performance. The STELLAR-M6 features AI noise reduction technology[5], which is highly effective in noisy environments.

- 35h talk time, 400h standby time
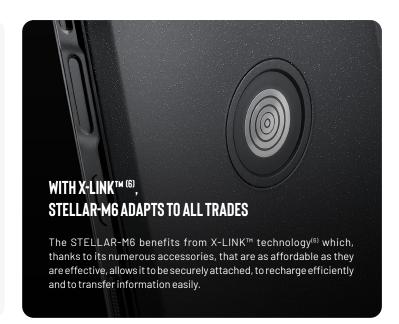- Powerful speaker (93 dBA)
- AI noise reduction (-60 dB)[5]

Micro AI noise reduction[5]

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❙ ERGONOMICS TAILORED TO MOVEMENT

STELLAR-M6 features a host of design details to ensure it's comfortable to use on the move, even with wet fingers or gloves. Thanks to its optimised format, it can be used naturally with one hand. The second hand remaining available to carry a load, get a form signed or watch a tutorial while working. One of the features designed to enhance operational agility is a colour customisable LED notification system. This ensures you don't interrupt a busy activity without losing the slightest information.

- 80% of the screen surface accessible with the thumb
- 2 slots for a neck strap
- Non-slip grip
- SOS button at the top, can be activated from the pocket
- 3 quickly identifiable action buttons (texture, position)
- Wet Touch, Gloves Touch technology

WITH X-LINK™ [6], STELLAR-M6 ADAPTS TO ALL TRADES

The STELLAR-M6 benefits from X-LINK™ technology[6] which, thanks to its numerous accessories, that are as affordable as they are effective, allows it to be securely attached, to recharge efficiently and to transfer information easily.

❙ AS ROBUST AS IT IS STYLISH

The fluid lines of the STELLAR-M6 make it a smartphone that is as elegant for its user as it is reliable in the face of the hazards of intensive use, particularly when standing in contact with the public. A major advantage linked to its robustness is that it does not need an additional casing under standard conditions, which limits its overall weight and the budget associated with its use.

- IP68, dust-tight, liquid-tigh
- Drop resistant (1.5 m)
- MIL-STD-810H (United States military standard)
- Ultra-hardened screen protection glass (Corning® Gorilla® Glass 5)
- Wide temperature range (-20 °C to + 60 °C)
- USB-C connection protected by 1 waterproof cap

REPLACING SEVERAL DEVICES

STELLAR-M6 is compatible with a wide range of high-performance Crossall solutions and accessories that are particularly affordable. It can replace a computer with its X-SPACE interface combined with a compatible hub[7], an optical scanner with the X-SCAN accessory combined with the X-TRACK application, or even become a high-performance radio thanks to its compatibility with collaborative communication applications and its Push-To-Talk (PTT) button.

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OUTDOOR SPECIFICATIONS

IP Standard	IP68
Resistance to salt water	1.5m / 30mn
Dust resistance	IP6X (Total)
Operating temperature	-20 °C / + 60 °C
Resistance	Drop test (24 drops, 6 faces, 1m50 on concrete)
Military standard	MIL-STD 810H

TECHNICAL SPECIFICATIONS

Dimensions	165,8 x 78 x 12,3 mm
Weight	242 g without even needing a case
Colour	Black
Operating system	Android™
Version / Zero Touch / AER	14 / Yes / Yes
Processor	Qualcomm QCM4490
Type	Octocore (2 A78@2,4GHz + 6 A55@2GHz)
SAR Head/ Body	0,92 W/kg - 1,06 W/kg
SAR Limbs	1,93 W/kg
Languages	Arabic, Chinese, Croatian, Czech, Danish, Dutch, English, Estonian, Finnish, French, German, Hungarian, Italian, Latvian, Lithuanian, Norwegian, Polish, Portuguese, Serbian, Slovak, Slovenian, Spanish, Swedish

SCREEN

Size	6,1" (19,5:9)
Type	IPS
Protection	Corning® Gorilla® Glass 5 ultra-hardened
IK standard	IK05
Tactile	Capacitive screen, wet and glove touch (for use with wet fingers and gloves)
Resolution	720 x 1560 (HD+)
Brightness	450 cd/m²

BATTERY

Type	Lithium Polymer
Capacity	4500 mAh
Battery life in talk time (5G)	Up to 35 hours talk time
Battery life in standby (5G)	Up to 400 hours standby
Battery life in GPS mode[1]	14 hours
Reverse charging	Yes, via USB Type-C port

VIDEO

Resolution	1080p 60fps
Supported formats	MP4

NETWORK & CONNECTIVITY

SIM	Dual tray
Type	2 nano SIM or 1 nano SIM + 1 micro SD eSIM function
2G (GPRS/EDGE)	850, 900, 1800, 1900 MHz
3G (HSPA+)	850, 900, 1700, 1900, 2100 MHz
4G	LTE-FDD : Band 1, Band 2, Band 3, Band 4, Band 5, Band 7, Band 8, Band 12, Band 20, Band 28, Band 32 SDL, Band 66, Band 68 + LTE-TDD : Band 38, Band 39, Band 40, Band 41, Band 42, Band 43, Band 48
5G	NR-TDD : n38, n40, n41, n48, n75, n77, n78 + NR-FDD : n1, n2, n3, n5, n7, n8, n20, n28
VoLTE / VoWi-Fi	Compatible[2]
Wi-Fi	6/6E, 2.4 GHz + 5 GHz + 6 GHz, 802.11a, 802.11b, 802.11g, 802.11n, 802.11ac, 802.11ax, 802.11r, 802.11k, 802.11v, 802.11 u
Bluetooth®	5.2
NFC	Yes, contacless payments
USB	Type-C 3.1
OTG	Yes, for USB key connexion
X-LINK™ [6]	Yes

SECURITY

Fingerprint reader	Yes
Remote data erasure	Yes

MEMORY

RAM	6 GB
Flash	128 GB[4]

PHOTO

Rear camera	50 Mpx
Autofocus PDAF	Yes
Front-facing camera	8 Mpx
Flash	LED
Supported format	JPEG

AUDIO

Audio connector	USB-C
Supported format	AMR, MIDI, MP3, WAV, 3GP, WAVE
Microphone	Waterproof microphone
Main speaker	93 dBA

FEATURES

Play store™	Yes
Google Service	Yes
Hands-free	Yes
Alarm	Yes
Voice recorder	Yes
Flashlight	Yes
Customisable multifunction button(s)	Yes, 3
QR code reader	Yes
Notifications LED	Yes
X-SPACE[6]	Yes, version 3
Parental control	Yes

LOCATION SERVICES

GPS	Yes
Type	GPS, A-GPS, Glonass, Beidou, Galileo

SENSORS

Accelerometer / G-Sensor	Yes
Proximity sensor	Yes
Light sensor	Yes
Gyroscope	Yes
Magnetometer / E-Compass	Yes

PACKAGING

Package dimensions	180 x 137,5 x 30,5 mm
Weight	124 g

LOGISTICS

Product reference	1001053701872
EAN code	3700764734872
Box dimensions	321 x 229 x 229 mm
Number of products/box	12
Box weight	6 kg
Pallet dimensions	1200 x 800 x 1524 mm
Layers	6 (12 boxes per layer)
Number of products/pallet	864
Pallet weight	472 kg
Customs nomenclature	8517130000

[1] GPS + DATA + GOOGLE mapping activated + Screen brightness 54 %
[2] To be verified with your operator
[3] SPS Inc. technology
[4] Of which 22 GB occupied by the OS (with updates, the weight of the OS is likely to change)