

 **CROSSCALL**

# STELLAR-M6

**Concentrated technology  
at your service**

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. <sup>(2)</sup>

**5G**

**35H**  
Talk time

**IP68**  
(1,5m drop)

**WI-FI  
6/6E**

Up to 1.6Gb/s  
download speed

**AI**  
Noise reduction

**400H**  
Standby time

**SECURE** element



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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)<sup>2</sup>
- Compatible with latest-generation private networks



## 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<sup>(2)</sup>, 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<sup>(2)</sup>

## 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 2029<sup>(1)</sup>
- 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<sup>(5)</sup>, which is highly effective in noisy environments.

- 35h talk time, 400h standby time
- Powerful speaker (93 dBA)
- AI noise reduction (-60 dB)<sup>(5)</sup>



Micro AI  
noise reduction<sup>(5)</sup>



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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<sup>(6)</sup> 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-tight
- 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<sup>(7)</sup>, 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 mode¹	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 6, 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	Compatible²
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, 802.11u
Bluetooth®	5.2
NFC	Yes, contactless 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 GB⁴

### 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

¹GPS + DATA + GOOGLE mapping activated + Screen brightness 54 %

²To be verified with your operator

³SPS Inc. technology

⁴Of which 22 GB occupied by the OS (with updates, the weight of the OS is likely to change)

(1) Security patch updates for 5 years from product launch date. For STELLAR-M6, updates are guaranteed until December 2030. (2) During the guarantee period, CROSSCALL will cover the replacement of a faulty battery if 2 of the following cumulative conditions are satisfied: the battery's capacity is 70% or below, and the number of full charging cycles is 850 or lower. The good practices for battery use recommended by CROSSCALL can be found on the website [www.crosscall.com](http://www.crosscall.com). (3) Pursuant to Article L.111-3 of the French Consumer Code, the duration of availability for spare parts that are essential to the use of a new product is ten (10) years from when the product is sold. Your phone and its accessories included in the box are guaranteed against any fault or malfunction which may develop due to their design or manufacture, or from a material defect, under normal conditions of use, and according to our general terms & conditions of sale and the applicable sales guarantee agreement, available for consultation at [www.crosscall.com](http://www.crosscall.com) > Support > Guarantee. (4) SAR: Head: 0.92 W/kg / Body: 1.06 W/kg, Limbs: 1.93 W/kg. The local specific absorption rate (SAR) quantifies the user's exposure to electromagnetic waves from the equipment in question. The maximum SAR authorised is 2 W/kg for the head and torso, and 4 W/kg for the arms and legs. It is recommended that you use a listening device allowing for the head's exposure to radio-electrical emissions from mobile phones. (5) AI-based Noise Reduction Technology Fraunhofer upHear. (6) SPS Inc. technology. (7) With DisplayLink technology.