



## W635C & W635C-S Fanvil Android 4G Phone

DATASHEET

W635C & W635C-S is a rugged, enterprise-grade mobile communication device designed for frontline professionals across multiple industries, including healthcare, hospitality, retail, and warehousing. Built on Android 14 with GMS certification, it provides a secure and familiar smartphone platform while delivering the durability and reliability required in demanding environments.

Featuring IP68 protection and 1.5-meter drop resistance, the device is engineered for daily professional use. It includes an integrated VoIP SIP demo application and SDK, enabling seamless integration with enterprise communication systems and industry-specific solutions. Its audio performance is optimized to ensure clear and reliable communication even in noisy environment.

As a flexible mobile platform, the device can be deployed independently across different industries or integrated as a mobile terminal within comprehensive solutions, including healthcare communication systems, where reliable voice communication, staff mobility, and centralized device management are critical.



### HIGHLIGHTS

- **Rugged Design for Mobile Use**  
IP68-rated protection and 1.5-meter drop resistance ensure reliable operation in demanding, mobile working environments.
- **Certified Android 14 Platform**  
Built on Android 14 with GMS certification, providing a secure, familiar, and future-ready platform for enterprise and industry applications.
- **Enterprise VoIP with Superior Audio Quality**  
Integrated VoIP SIP Demo application optimized voice technology expertise, delivering clear and reliable communication even in noisy environments.
- **SDK for Seamless System Integration**  
Comprehensive SDK enables easy integration with enterprise systems, industry applications, and vertical-specific solutions.
- **Optional Barcode Scanner with SDK Support**  
Optional model W635C-S built-in barcode scanner with dedicated SDK, ideal for industries such as retail and warehousing that require fast and accurate scanning workflows.

## SPECIFICATION

### W635C&W635C-S

|                              |                        |  |
|------------------------------|------------------------|--|
| <b>Features</b>              | Applications           | VoIP Demo, AEX Demo, Buttons, Scan Tester (W635C-S)                |
| <b>Security</b>              | Wireless               | WEP, WPA-Personal, WPA2-Personal, WPA2-Enterprise, WPA3-Enterprise |
| <b>Operating System</b>      | Type                   | Android 14<br>GMS Certified  |
| <b>Performance</b>           | CPU                    | Qualcomm® Snapdragon™ SM6225 (SDM685) 4x A73@2.8GHz,4x A53@1.9GHz  |
|                              | GPU                    | Qualcomm® Adreno 610 GPU   |
|                              | Memory                 | 4 GB RAM   |
|                              | Storage                | 64 GB eMMC   |
| <b>Display</b>               | Screen                 | 6.5-inch IPS HD 720*1600   |
|                              | Luminance              | 350 cd/m <sup>2</sup> (Typ)  |
|                              | Touch Screen           | 5-point Touch  |
| <b>Wireless connectivity</b> | Wi-Fi                  | Wi-Fi 5 2.4G & 5G  |
|                              | Bluetooth              | BT 5.0 & BLE   |
| <b>Audio</b>                 | Hands-free loudspeaker | 1 x 2W Speaker   |
|                              | Microphones            | 2 x MIC  |
| <b>User Interface</b>        | Buttons                | 1 x Power Key  |
|                              |                        | 1 x Volume Up/Down Key<br>2 x PTT (Left / Right) Key               |
| <b>Battery</b>               | Capacity               | 4800mAh  |
| <b>Data Interface</b>        | USB Protocol           | USB 3.0  |
|                              | Port                   | 1 x Type C<br>1 x SIM/TF   |
| <b>Camera</b>                | Front Camera           | 5 MP   |
|                              | Rear Camera            | 8 MP   |
| <b>Sensor</b>                | Type                   | Light Sensing, Gravity, Geomagnetic                                |
| <b>Durability</b>            | Level                  | IP68, drop-resistance from up to 1.5 meter height (For phone)      |
|                              |                        |  |
| <b>Network type</b>          | GSM                    | B2/B3/B5/B8  |
|                              | WCDMA                  | B1/B2/B5/B8  |
|                              | LTE-TDD                | B38/B39/B40/B41  |
|                              | LTE-FDD                | B1/B2/B3/B4/B5/B7/B8/B12/B13/B17 /B20/B25/B26/B28/B66              |

|                   |                       |   |   |
|-------------------|-----------------------|---|---|
| <b>SIM</b>        | Type                  | W635C: 2 x 4G SIM cards or 1 x 4G SIM card and 1 x Micro SD card  |   |
|                   | Model                 | Available by default on W635C-S   |   |
| <b>Scanner</b>    | CMOS                  | CMOS ≥3mil  |   |
|                   | 1D                    | Code 128, EAN-13, EAN-8, Code 39, UPC-A, UPC-E, Codabar, Interleaved 2 of 5, ITF-6, ITF-14, ISBN, Code 93, UCC/EAN-128, GS1 Databar, Matrix 2 of 5, Code 11, Industrial 2 of 5, Standard 2 of 5, Plessey, MSI-Plessey |   |
|                   | 2D                    | PDF417, QR Code, Data Matrix  |   |
|                   | Optical Configuration | Illumination: 5000 K cool white LED<br>Scanning: 625 nm red LED   |   |
|                   |                       |   |   |
| <b>Base CH001</b> |                       |   |   |
| <b>Base Unit</b>  | Port                  | 1 x Type-C  |   |
|                   | Charging Method       | USB Cable/Base CH001  |   |
| <b>General</b>    | Gift-Box Dimension    | 217*115*103 mm  |   |
|                   | Carton Dimension      | 333*250*455 mm  |   |
|                   | Carton Net Weight     | 9.4 KG  |   |
|                   | Carton Gross Weight   | 10 KG   |   |
|                   | Operating Temperature | -10°C to +55°C  |   |
|                   | Storage Temperature   | -40°C to +70°C  |   |
|                   | Operating Humidity    | 5% to 95% (non-condensing)  |   |
|                   | Package Contents      |   | W635C&W635C-S Android 4G Phone<br>5V/3A Adapter |
|                   |                       |   | Base CH001                                      |
|                   |                       |   | 1.5-meter USB Cable<br>Quick installation Guide |
| <b>Compliance</b> |                       | <b>CE FC RoHS</b>   |   |

## About LINKVIL

As a sub-brand of Fanvil, LINKVIL focuses on the research and development of A&V-IoT wireless communication products. Based on Audio & Video -IoT, LINKVIL helps customers to achieve full connection of wireless communication systems and will build a wireless communication Eco-system for multi-scenarios to help different industries accelerate their digital transformation.

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## More Information

The above specifications may be updated in the future without prior notice. All hardware/software/physical features should be based on the final shipped products.  
For more information, please visit: [www.fanvil.com](http://www.fanvil.com)



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