zenitel

DATASHEET



2211100521

SMART1-SM-HS

Android based DECT Smartphone with WiFi.

DECT smartphone, WiFi, text pager, android apps and walkie-talkie - all in one handset.

Bluetooth | Onboard communication | HD Voice

Description

The Vingtor-Stentofon SMART1-SM-HS is an Android based DECT Smartphone. Lightweight, ergonomically and portable unit compatible with Wideband Audio (G.722), DECT, GAP standard and CAT-iQ audio compliant. The handset includes 4" touch display with graphical user interface. It can also provide the subscriber with most of the features available for a smartphone phone like android apps, in addition to its roaming and handover capabilities.

The Vingtor-Stentofon SMART1-SM-HS is shockproof, rugged and uses the congestion free 1880-1900Mhz band for critical communications in onsite/indoor environments.

- Top display for displaying alarms and messages without the need to pick up the phone
- Dedicated Alarm/Emergency button and precise indoor location
- Push to talk for quick, fast and easy direct communication
- Physical keypad for on/off hook and menu options
- DECT for interference free HD Voice applications, alarm and messaging
- WiFi for data, video, apps, alarm, voice and messaging
- Bluetooth Low Energy for applications such as rough indoor location, lock control or IoT connection
- Near Field Communication for presence, access control

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- Precise Indoor Positioning via RFID, NFC, BLE or DECT, WiFi
- High Definition Audio (40-7000 Hz)
- Fixed clip for easy and safe carrying
- Easy removable battery and separate charger
- Multi Charger (table and wall mounting)
- Easy clean

Advantages over consumer grade smartphones:

- Privacy and security. Avoid the smartphone security challenges with an in-building wireless handset
- Call and phone quality. Purpose-built, DECT handsets deliver a continuous, reliable connection as a user moves throughout the building or campus
- Robust and easy clean. Made to work in harsh environments such as wet and dusty conditions
- Safety. Precise indoor location, super-fast group calls, dedicated alarm button, walkie-talkie mode, secure text-message and advanced alarm features
- Notification. Top-display will keep you posted with the most urgent notifications
- Customized. Features and functions can always be setup to the customers' individual needs

Every shipped handset package/box contains the following items:

- Handset
- Battery
- Flush rear part (mounted)
- Fixed Belt clip, Item 2211100524

** Visit the Software Manager Wepgage, SMART1-MG, to get info about licenses needed for SMART1 Handset*

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Specifications

GENERAL	
Size in mm	135 x 66 x 15
Weight	195 g (including battery)
Front Display	4” IPS TFT (480x800), 16M colours, Touchscreen, LCD backlight, Dragontrail glass
Top Display	Monochrome, OLED
Camera	5M pixel rear camera, 1600x1200 pixels
HAC	(Hearing Aid) Compatible
OS	Android
Processor	iMX6 Dual Core
Memory	4GB Flash, 1GB RAM, Micro SDHC <64GB
Sensors	3-axis accelerometer, proximity, light sensor
Battery	1600mA Li-Ion
Buttons	Alarm Button, Pre-Alarm, PTT (PushToTalk), Vol +/-, On/Off hook, Home, Back
Language	14
IP-class	IP-54
Bacterial	Disinfections resistant
Talk Time	16 Hours (DECT only), 10 Hours (WiFi only)
Standby	160 Hours (WiFi & BT off)
DECT	Europe, Latin America, US. 4 power levels (ECO mode), DECT automatic encryption for call security, GAP, 6.0 and CAT-iq, PTT (Push To Talk)
DECT Security	EN-300 444 and EN 300 700
WiFi	802.11 a/b/g/n
WiFi Security	WEP, TKIS, AES, WAPI
Authentication	802.1x, WPA, WPA-2, WPA-2 PSK
QoS	VMM

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Audio	G.711, G.722, G.726, HD Audio, Speakerphone
Approvals	EN301 489-1, EN301489-6, EN301489-17, EN300440-1, EN3000440-2, EN50360, EN301406, EN300328, EN301893, EN300328, EN60950-1, IEC 60068-2-31

ACCESSORIES

9012002018	Smart1 Screen Protector kit
9012002019	Smart 1 protection cover

Accessories



SMART1-BAT

Spare battery for SMART1 DECT Phone

Item Number: 2211100611



SMART1-SC

Clip with swivel for SMART1 Phone

Item Number: 2211100523



SMART1-FC

Fixed Clip for SMART1 Phone

Item Number: 2211100524



BTPHR-V2

Bluetooth headset for DECT handset

Item Number: 2211200117



SMART1-4DC

The smart multi charger for SMART1 handset.

Item Number: 2211100564



SMART1-DC

The smart dual charger for SMART1 handset.

Item Number: 2211100563

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Used With



SMART1-AP

SMART1 multicell base station

Item Number: 2211000645



SMART1-MG

SMART1 Manager software for managing, controlling and updating the SMART1 handsets.

Item Number: 2211000646



CMS-SV

IP DECT Alarm and Message Server for SMART1 systems.

Item Number: 2211000656

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