



Ascom i75 Protector™ portable handset

A purpose-built messaging, alarm and telephony device

An integral part of the Ascom FreeNET VoWiFi communications solution, the i75 Protector portable handset provides high level of personal security along with quality communications with other on-site and off-site telephones. Designed specifically for harsh environments, the rugged Ascom i75 Protector portable handset features an intuitive user interface with a large display and a four-way navigation button. This portable handset is also equipped with vibration alert, an internal antenna, and convenient mute and volume controls. The lightweight i75 Protector portable handset offers three programmable soft keys so the most important functions are always readily available.

Other features include digital call services, such as name and number identification, hold, transfer, conferencing, diversion with redirection identification and message waiting notification. The i75 Medic portable handset is equipped with a staff assistance push button alarm, emergency number alarm and optional man-down and no-movement alarms. The personal alarm will include the identity of the nearest access point to ensure security personnel are aware of your location at the time of an emergency.

Utilizing the Ascom UNITE Messaging Suite, the i75 Protector portable handset provides a two-way messaging interface with Building Management, Security Management, and Production Controls systems. The i75 Protector portable handset supports prioritized messaging, instant message display, and broadcast messaging to ensure the most urgent event and associated message is immediately available. The programmable soft keys can be defined within the message and feature read receipt acknowledgement, message escalation and telephony call initiation.

The i75 Protector portable handset bundled with the UNITE Messaging Suite is the only VoWiFi device capable of smart integration with industrial systems. How can the Ascom i75 Protector portable handset improve efficiency at your facility? To learn more, visit ascomwireless.com or call 877-71ASC0M.



Ascom i75 portable handset features at a glance

- Personal alarm, messaging, and IP telephone device
- Robust, rugged design
- Push button alarm (staff assistance)
- Emergency number alarm
- Optional no-movement and man-down alarm
- Location with access points
- Large, scratch-proof display
- Illuminated display and keypad
- Identity and personal settings stored in flash memory
- Up to 10 profiles with personalized settings
- 3 programmable soft keys for each profile
- 10 programmable hot keys
- Manual or automatic keypad lock
- Time and date indication
- Convenient mute and volume controls
- Central phonebook
- Vibrating alert
- Separate speakers for ring signal, loud-speaker
- Mobile user messaging
- Interactive messaging
- Voicemail notification
- Two different message text sizes
- Headset connector
- Field upgradable software
- Login over WLAN network (Virtual SIM)

Ascom i75 portable handset technical specifications

Size	5.27" x 2.36" x 1.06"	Local phonebook	Messaging
Weight	4.5 oz.	Maximum name length: 22 characters	Length: system dependent
Display	128 x 64 px LCD. White back light	Maximum number length: 22 digits	Storage capacity: 20 messages
Clip	Hinge type (standard) or swivel	Entries: 100	
Battery	Type: 1000 mAh or 1800 mAh (Li-Ion) *Talk/Standby time: up to 10/40 h (1000 mAh), up to 16/60 h (1800 mAh) Charging time: 2-4 h (1000 mAh), 3-6 h (1800 mAh)	Environmental	Languages
		Operating temperature: 32° - 104° F Storage temperature: -4° - 158° F	Danish, Dutch, English, Finnish, French, German, Italian, Norwegian, Portuguese, Spanish, Swedish.
Alarm	Location types: Closest WLAN access point as standard Types: 2 push button alarms (staff assistance). Emergency number, no-movement, man-down.	Telephony	Volume
		Indication: ring signal (5 styles), flashing LED, vibration Answer call: push button or auto answer. Call list capacity: 20 calls received, made or missed with time stamp.	Ring signal: 5 increments (aprox. 100dB @ 10 cm) Ear piece: 4 increments
Standards	EMC: FCC Part 15, Class B Safety: IEC 60950-1 SAR: EN 50360 (Europe), OET 65C (USA) FCC: Part 15.247, Part 68.316	Endurance	WLAN
		Enclosure protection: EN60529 Free fall test: IEC60068-2-32 Ed procedure 1, dropped 12 times from 1.5 m	Number of subscriptions: 4 systems, manual selection VoIP protocol: H.323, H.450, SIP Security: 802.11i (TKIP, AES-CCMP), WEP (40,128 bit) Authentication: Open, PSK, 802.1x Quality of Service: 802.11e (WMM,U-APSD) Network: 802.11b/g (auto detection) Roaming: Pre-authentication, PMKSA caching, CCKM

*System dependent.
Specifications are subject to change without notice.