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Product: Ascom i62

802.11 a/b/g/n compatible

High quality voice

Interactive, colour-coded messaging

Large, intuitive colour display

Alarms & positioning

Centralized Management

ASCOM i62 – WHEN INTEROPERABILITY AND INTEGRATION REALLY MATTER

Unique .11n performance

As one of the first VoWiFi handsets operating on an 802.11n network, the Ascom i62 is truly unique. It supports deployment of voice over the network without degrading the performance of an existing .11n network capacity.

Superior interoperability

As well as trouble-free WLAN vendor interoperability and scalability, the Ascom Solution has the capacity to integrate and communicate with a comprehensive range of external sources.

Streamlined administration

When it comes to system administration, our web-based Centralized Management system offers many benefits. Over-the-air updates reduce the workload of administrators and centrally stored settings simplify phone replacement and shared handset scenarios. As well as representing continuity and peace of mind for administrators and handset users, this provides increased value.

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i62 Handset Features at a Glance

- Intuitive colour display
- Water, dust and chemical resistant for easy disinfection
- Local, central, company phonebook
- 18 Languages, 1 customizable
- Push button alarm with distinct alarm types

- Interactive messaging
- Voice mail
- Built-in loudspeaker
- 3 programmable soft keys
- 9 programmable hot keys

- Profiles
- Call history list
- Vibration alert
- Easily replaceable battery for 24/7 use
- Centralized Management

i62 Handset Variant Feature Comparison

	i62 Talker	i62 Messenger	i62 Protector
Centralized Management	✓	✓	✓
Central Phonebook	✓	✓	✓
Professional Messaging		✓	✓
Push Button Alarm			✓
Location	✓	✓	✓

i62 Handset Technical Specifications

Dimensions 134x53x26mm
Weight (incl. battery & clip) 135g
Display (TFT) 29x35mm

Languages
Czech, Danish, Dutch, English, Finnish, French, German, Greek, Hungarian, Italian, Norwegian, Polish, Portuguese (Brazilian), Russian, Slovakian, Spanish, Swedish, Turkish, + 1 downloadable.

Connectors
Multi-purpose connector for battery charging, software download and configuration. Standard 2.5 mm headset connector.

Battery
Type: Li-polymer.
Speech time[1]: up to 15 hrs.
Stand-by time[2]: up to 100 hrs.
Charge time: 2,5 hrs.
Discharge/charge cycles: >=80% capacity left after 400 full charge/discharge cycles

Phonebook
Central Phonebook: Max. 40 characters in a name, 20 digits in a number.
Company Phonebook: Max. 24 characters in a name, 24 digits in a number (1 number per name). 1000 entries.
Local Phonebook: 48 character name, 24 digit work number, 24 digit mobile phone number, 24 digit other number, selectable ring tone. 250 entries.

User Interface
TFT high resolution display, 65,000 colors, 176 x 220 pixel backlit LCD.
Indicator: LED indicates incoming call/message.
Vibration: Incoming call/message.
Buttons & Keys: 3 Soft keys, Answer/Send, End/Power, 5 way navigation key, numerical keys, volume up/down, multifunction button.

Audio
Ring signal: Adjustable in 8 steps.
Earpiece: Adjustable in 8 steps of 3dB each.
Max. sound ring signal level: 88 dBA @ 10 cm.
Loudspeaker: Duplex loud speaking function.

Telephony
Indication: 14 ring signals, flashing LED, vibration.
Answer call: Button press or auto answer.
Call list storage capacity: 25 received, dialed, missed calls.

Messaging (SMS)
Max length: 160 characters from handset, system dependent to handset.
Storage: 30 received/sent messages.

WLAN
Number of subscriptions: 4 systems, manual selection.
VoIP protocol: H.323, H.450, SIP (RFC 3261).
Security: 802.11i (TKIP, AES-CCMP), WEP (64/128 bit).
Authentication: 802.1x: Original 802.11 open/shared key, WPA-PSK, WPA2-PSK, PEAP-MSCHAPv2, EAP-TLS, EAP-FAST, Authentication certificate.
Quality of Service: 802.11e (WMM, U-APSD, TSPEC-based CAC).
Network: 802.11a/b/g/n.
Roaming: Pre-authentication, PMKSA caching, CCKM, opportunistic key caching

Accessories
Battery pack.
Charging Rack, battery pack charging rack.
Clips (swivel, hinge).
Desktop chargers.
Headsets: microphone on cable, boom microphone, 2.5 Peltor (hearing protection).
Leather case.
Desk top programmer
Portable Device Manager.
Security string.

Environmental
Operating temperature: -5°C to +45°C.
Storage temperature[3]: -25°C to +55°C.
Enclosure protection: IP44, IEC EN60529.
Immunity to electromagnetic fields: 10 V/m EN61000-4-3.
Immunity to ESD: 8 kV contact discharge, 14 kV air discharge (EN61000-4-2).
Free fall test, standard product: IEC 60068-2-32, dropped 12 times from 1 meter. Approved for 12 drops from 1.5 meters.

[1] Dependent of active mode, U-APSD WLAN environment and configuration and handset location relative to system. [2] Stand-by time is without activated screensaver. [3] Storing Li-Ion batteries at high temperatures can dramatically and permanently reduce capacity. Specifications are subject to change without notice.

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