

## Technical specifications

### Dimensions

- Handset weight : 87g
- Handset dimensions : 99.5 x 44 x 19.5 mm
- Handset volume : 82cc
- Form Factor : Candy bar
- Antenna : Integrated
- Handset Color : Arrow Silver, Deep Black

### Picture/Display

- Main Display Technology : CSTN
- Main Display Colors : 65536
- Main Display Resolution : 128x160
- Brightness : 95
- Lines of text : 8

### Still Picture Capturing

- Camera : Integrated
- Picture resolution : VGA, 640x480
- Digital zoom : x1, x2 and x4
- Picture Mode : Economy, Normal, Super fine, Night mode
- Preview frame rate : 15 frames/second
- Picture file format : JPEG
- Image sensor type : CMOS

### Still Picture Playback

- Picture compression format : BMP, GIF, GIF (87a & 89a), JPEG
- Picture enhancement : Create albums
- Slide show : yes

### Video Capturing

- Video format : 3GP, H.263
- Video resolution : Sub-QCIF

### Video Playback

- Compression formats : H.263, 3GP
- Frame rate (fps) : 10
- Resolution (pxl) : 128x160, 128x96

### Video Recording

- Compression formats : H.263, 3GP
- Frame rate : 9, 4, 6
- Resolution (pxl) : 128x96

### Sound

- Ringers : Polyphonic (40 tones)

### Audio Capturing

- Voice recording : yes, AMR

### Audio Playback

- Audio supported formats : AMR, Midi, SP-Midi

### Audio Recording

- Recording time : up to 50 seconds

### Storage Media

- Built-in memory capacity : 8
- User memory : 3

### Network Features

- Messaging : Concatenated SMS (Long SMS), E-mail, EMS / release 4, MMS, Multimedia Message Service, Predefined messages (SMS, MMS), Quick SMS, SMS CB (Cell Broadcast), SMS, Short Message Service
- Services : WAP Browser Teleca2.0, SIM Toolkit / Release 99, OTA provisioning (WAP, MMS)
- GPRS (Rx+Tx) : Class 10 (4+2), Class B
- Voice Codec : FR/EFR/HR
- GSM band : 900, 1800, 1900

### Convenience

- Call Management : Call Cost, Call Counters, Call Forwarding, Call on Hold, Call Time, Call Waiting, Caller ID, Conference Call, Emergency Call, Explicit Call Transfer, Microphone mute, Missed Calls, Multi-party call, Received Calls
- Personal Info Management : Smart Phonebook, Vcard Exchange
- Personalisation/Customisation : Downloadable Animated GIF, Downloadable Java Applications, Downloadable Picture, Downloadable Ringtones, Fotocall, Screen Saver, Wallpaper

- Speech Recognition : Voice Memo
- Clock/Version : Digital, International clock
- Ease of Use : Dedicated Headset plug, Hands free mode, Hot Keys, Keypad Lock, Screen Saver
- Digital Clock, Vibra Alert
- Ease of Navigation : Animated Color Matrix
- Buttons and controls : 4-way navigation key and enter, Customized hot key
- Volume control : yes
- Ease To Experience : Demo Mode
- Games and applications : Agenda, Alarm Clock, Calculator, Calendar, Euro Converter, Java MIDP 2.0
- Embedded Games : 3
- Language available: UI : Chinese Simplified, Chinese Traditional, Croatian, Czech, Danish, Dutch, English, Finnish, French, German, Greek, Hebrew, Hungarian, Indonesian, Italian, Lithuanian, Norwegian, Polish, Portuguese, Romanian, Russian, Slovak, Slovenian, Spanish, Swedish, Thai, Turkish
- Language available: T9 input : Chinese Simplified, Chinese Traditional, Dutch, English, French, German, Italian, Portuguese, Spanish, Russian

### Connectivity

- Headphone : 2.5
- Serial connections : USB-Jack cable
- Modem Capabilities : CSD (Voice, Data), GPRS, SMS

### Accessories

- Standard Package Includes : Battery, Charger, Handset, International Guarantee, SAR information leaflet, User Manual
- Optional accessories : Carry case, Cigarette lighter adapter, Normal battery pack, Mono headset, USB data cable + PC software

### Power

- Talk time : 4 hrs
- Standby time : 300 hrs
- Charging time : less than 2.5 hours
- Battery capacity : 900 mAh
- Battery type : Li-ion
- Electrical Enhancements : Back-up battery

## Product highlights

### Video capture: (MPEG4)

The video recording function enables you to record your precious moment in motion shot

### MMS video

Multimedia message service with compatability of video clip attachment

### Integrated VGA digital camera

Take pictures with the integrated camera, send those pictures by MMS / e-mail or store your pictures in your photo album. This camera has the following characteristics: CMOS / VGA definition / Digital zoom (x2, x4).

### 40 tone polyphonic melodies

The new type of ringtone offer multi layer of voice/sound track which brings higher quality of sound than monotone

### Voice ringtones

Playback of voice clip as ringtone

### Java 2.0

To enhance your phone by downloading personal applications such as graphic applications, information tools, and interactive games.

### Triband phone GSM900/1800/1900

GSM mode including 900MHz, 1800MHz and 1900MHz

### WAP 2.0

Wireless Application Protocol version 2.0

