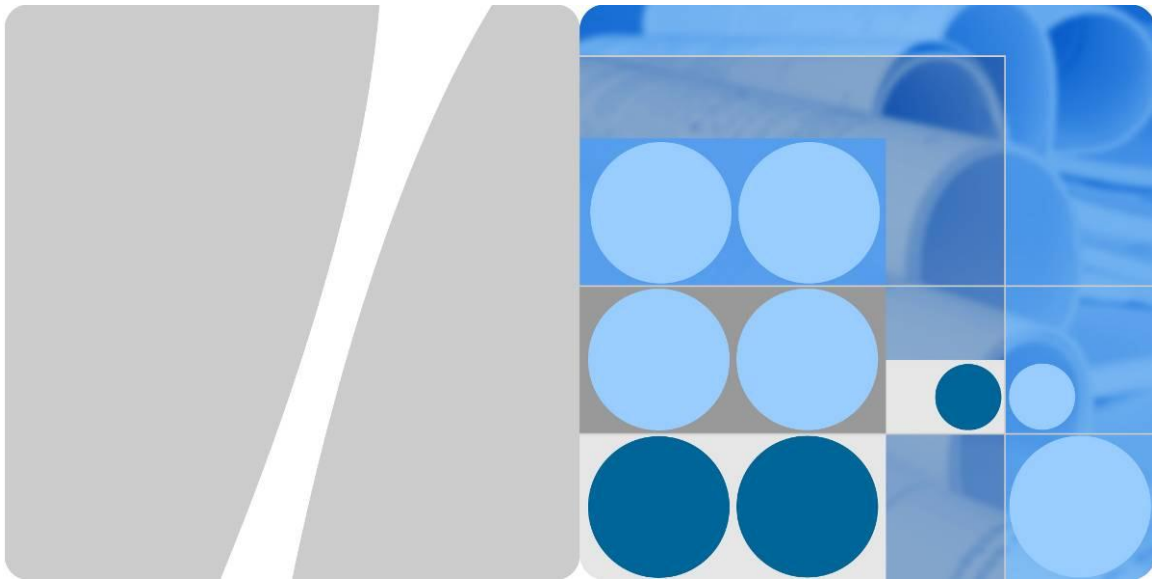




HUAWEI G3512 GSM HANDSET PRODUCT DESCRIPTION



HUAWEI

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Chapter 1 Product Overview

1.1 Introduction

HUAWEI G3512 is a GSM dual-band handset developed by HUAWEI. It is an entry-level multimedia phone, supporting GSM 900/1800 or 850/1900MHz.

The HUAWEI G3512 adopts most useful functions and power efficiency feature etc, including:

- Efficiency tools such as Stopwatch, Calculator, Alarm clock, Calendar, E-book, Flashlight.
- Entertainment functions such as Camera, WAP Brower, MP3 player, Video Player, FM(optional) ,Bluetooth(optional) and game.
- Dual-SIM and SD card slot make you have more choices.
- Colorful cover makes it look vivid and fashionable.

Besides, HUAWEI G3512 provides you user-friendly people-machine interface, and most efficiency features. More reliable performance and easier options of the phone make it possible for you to experience more in the wireless network.

1.2 G3512 ID/MD



(Please refer color and shape to product)

Features

1.3 Main Functions

The G3512 supports the following:

- GSM900/1800 MHz or 850/1900MHz networks
- Single-SIM (Dual-SIM is optional)
- Speech codec HR/FR/EFR/AMR
- Polyphonic: 64-chord MIDI,MP3
- SMS & Phonebook stored in handset
- Message: SMS,MMS
- VGA camera
- WAP Browser
- MP3 Player
- Video Player
- Flashlight
- FM(optional)
- Vibration(optional)
- Bluetooth(optional)
- Support Super Smart Dial;
- Support dynamic wallpapers and Screensaver;
- Support incoming call /SMS Blacklist ;
- Support Reminder of miss calls or unread SMS.
- Support colorful dial number.
- Support SD card slot, and support 8GB T-Flash card
- Support 10 PIN Mini USB interface
- More choices of Battery. 650mAh(Default), 800mAh(optional) and 1000mAh(optional)

1.4 Technical Specifications

1.4.1 Hardware Specifications

The hardware specifications of the G3512 are as follows:

Hardware specifications of the G3512

Items	Description
Shape	Bar-type
Dimensions L x W x H	109mmx46mmx14.4mm
Weight	74 (with battery)



Technical standards	GSM: 3GPP R97
Frequency band	<p>GSM 900MHz:</p> <ul style="list-style-type: none">● Uplink: 880MHz~915MHz● Downlink: 925MHz~960 MHz <p>GSM 1800MHz:</p> <ul style="list-style-type: none">● Uplink: 1710MHz~1785MHz● Downlink: 1805MHz~ 1880MHz <p>GSM 850MHz:</p> <ul style="list-style-type: none">● Uplink: 824MHz~849MHz● Downlink: 869MHz~894 MHz <p>GSM1900MHz:</p> <ul style="list-style-type: none">● Uplink: 1850MHz~1910MHz● Downlink: 1930MHz~ 1990MH
External interface	10 pin-mini I/O
Memory	64+0Mbits
Battery	<ul style="list-style-type: none">● Type: Li-ion <p>Default :</p> <ul style="list-style-type: none">● Capacity:650mAh(Default)● Standby time: Max About 300 Hours● Talk time: 180 Minutes● Charging time: About 3 hours <p>Option I:</p> <ul style="list-style-type: none">● Capacity:800mAh(Optional)● Standby time: Max About 400 Hours● Talk time: 220 Minutes● Charging time: About 4 hours <p>Option II:</p> <ul style="list-style-type: none">● Capacity:1000mAh(Optional)● Standby time: Max About 500 Hours● Talk time: 260 Minutes● Charging time: About 5 hours
LCD	<ul style="list-style-type: none">● Type: TFT● Size: 1.5'● Color: 65K● Resolutions: 128 x 128
Camera	VGA
Bluetooth	Default is no BT. BT as an optional

FM	Default is no FM. FM as an optional .There are two ways : choose embeded antenna or Earphone as the antenna.
TV out	NO
Antenna	<ul style="list-style-type: none"> ● Embedded antenna ● Dual-Frequency: GSM900MHz, DCS1800MHz、 Or GSM850MHz, DCS1900MHz
Maximum Transmit Power	<ul style="list-style-type: none"> ● GSM: 33dBm (+/-2dBm) ● DCS: 30dBm (+/-2dBm)
Static sensitivity	<ul style="list-style-type: none"> ● GSM 900MHz: better than -102 dBm/200KHz ● DCS 1800MHz: better than -100 dBm/200KHz ● GSM 850MHz: better than -102 dBm/200KHz ● DCS 1900MHz: better than -102 dBm/200KHz
Power supply	100V to 240V AC
Ambient temperature	<ul style="list-style-type: none"> ● Working: -10°C to +55°C ● Transporting: -20°C to +60°C ● Storage: -20°C to +70°C
Ambient humidity	Working: 5% to 95% Rh

1.4.2 Software Specification

The software specifications of the G3512 are as follows:

Items	Description
Language	English& one of other languages
Speech codec	HR/FR/EFR/AMR
Image Format	BMP/JPG/ GIF
Audio Recorder	YES
Video Recorder	YES
WAP browser	WAP2.0
OTA-Provision	N/A
MMS	MMS1.2
SMS	<ul style="list-style-type: none"> ● Supporting long messages, up to 4 pages English characters ● Supporting SMS storage in both the SIM card and the phone memory ● Supporting Voice mailbox ● Supporting a maximum storage of 400 messages in Phone
Phonebook	<ul style="list-style-type: none"> ● Supporting PB storage in both the SIM card and the phone memory ● Supporting a storage of 300 contacts in the phone
Media player	Audio player : mp3,midi. Video player :mp4, 3gp
Ring tone	● midi,mp3
JAVA	NO



Supplementary service	Call waiting, Call barring, Call forwarding
USSD Service	GSM 02.90 USSD Phase 2
SIM/STK	<ul style="list-style-type: none">● Specification of the SIM Application Toolkit for the subscriber identity Module-Mobile Equipment● 3GPP TS 11.14● 3GPP TS 11.11
Call record	<ul style="list-style-type: none">● Supporting a maximum record of 20 missed calls, 20 received calls, and 20 dialed calls● Supporting access to the call record screen by press the send key in the standby mode
Photo taking And Video recording	Photo taking: Yes Video recorder :Yes
Micro SD card	<ul style="list-style-type: none">● Support 8 GB TF card
Tools	Alarm clock, calendar, calculator, to do list , stopwatch, e-book
Input method	supporting smart input (C-star)
Profiles	General,Silence;Meeting;Outdoor ,My profile Headset(optional),Bluetooth(optional),
Settings (Menu of Single-SIM. This is just the reference of setting menu, and maybe there are some changes in the further version)	Supporting local settings, including: <ul style="list-style-type: none">● 1>Phone settings<ul style="list-style-type: none">1>Time and date2>Language3>Schedule power on/off4>Pref. input method5>Direction key setup6>LCD backlight7>Greeting text● 2>Display settings<ul style="list-style-type: none">1> Wallpaper2> Screen saver3> Show date and time4> Display operator name5> Show owner number● 3>Security settings<ul style="list-style-type: none">1>SIM security2>Phone security

	<p>3>Auto keypad lock</p> <ul style="list-style-type: none">● 4>Network settings<ul style="list-style-type: none">1>Network selection2>Preferences3>GPRS connection● 5>Restore factory settings
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A HUAWEI G3512 package box contains the following items:

Item	Quantity	Remarks
HUAWEI G3512	1	Mandatory
Travel charger	1	Mandatory
Battery	1	Mandatory
User manual	1	Mandatory
Earphone	1	Optional

Chapter 2 Terminology

A	
ARPU	Average Revenue Per User
C	
CS	Circuit Switched Domain
G	
GSM	Global System for Mobile Communications
GPRS	General Packet Radio Service
S	
SIM	Subscriber Identity Module
SMS	Short Message Service
U	
USB	Universal Serial Bus