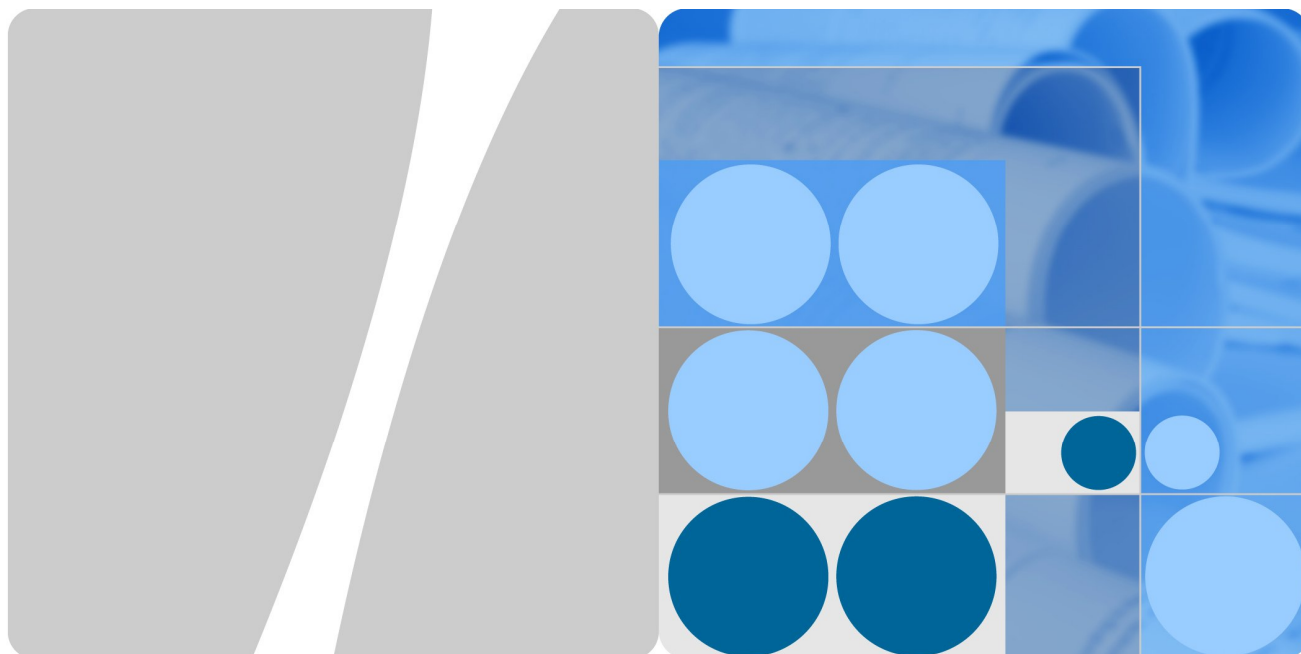


Doc. Code



HUAWEI U2800 Mobile Phone Product Description

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Huawei Technologies Co., Ltd.

Address: Huawei Industrial Base
Bantian, Longgang
Shenzhen 518129
People's Republic of China

Web site: <http://www.huawei.com>

Email: support@huawei.com

About This Document

Author

Author	Chen Ying (ID: 00149892)	Date	
Reviewed by		Date	
Approved by		Date	

Summary

This document describes the appearance, features, specifications, and functions of HUAWEI U2800 mobile phone.

This document is organized as follows.

Chapter	Details
1 Product Overview	Describes the general functions and appearance of the U2800.
2 Product Specifications	Describes the physical specifications, main features, performance specifications, environmental specifications, and packing items of the U2800.
A Acronyms and Abbreviations	Lists the acronyms and abbreviations used in this document.

History

Issue	Details	Date	Author	Approved by
01		2010-07-19	Chen Ying	

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1 Product Overview

1.1 Description of the U2800

HUAWEI U2800 (hereinafter referred to as the U2800) is a bar-type mobile phone with a 1.8-inch screen and a modern and stylish appearance. It works on the Qualcomm QSC6240 platform and boasts extra-long standby time. In the area covered with Wideband Code Division Multiple Access (WCDMA) or Global System for Mobile Communications (GSM)/General packet radio service (GPRS) networks, users can enjoy MMS, Internet surfing, voice calls, and applications such as the calendar. With high speed, stable performance, and convenient operations, the U2800 greatly improves the user experience in wireless Internet surfing.

1.2 Product Appearance

Figure 1-1 shows the appearance of the U2800.

Figure 1-1 Appearance of the U2800



NOTE

The figure is provided for your reference only.

2 Product Specifications

2.1 Physical Specifications

Table 2-1 lists the physical specifications of the U2800.

Table 2-1 Physical specifications of the U2800

Item		Specification
Dimensions (L × W × H)		108.5 mm × 45.9 mm × 12.5 mm
Weight		About 76 g (including the battery)
Shape		Bar-type
Antenna		Built-in
Charger		5 V and 400 mA
Battery	1000 mAh Li-ion	Standby time: up to 260–390 hours (network dependent) Talk time: up to 240–300 minutes (network dependent)
Display	Resolution	QQVGA (128 × 160 pixels)
	LCD type	TFT
	Colors	262k
	LCD size	1.8 inches
Interfaces	Charger interface	Mini-USB port
	Data cable interface	Mini-USB port
	Headset jack	3.5 mm
Camera (optional)		<ul style="list-style-type: none"> † High specification: interpolation to 1.3-megapixel primary camera and 0.3-megapixel secondary camera † Low specification: 0.3-megapixel camera
microSD card (optional)		Up to 8 GB
Multimedia applications		Audios in AMR, WMA, MP3, AAC, AAC+, eAAC+, and 128 MIDI formats

Item	Specification
Others	Hands-free function, vibration, recorder, calendar, alarm, stopwatch, calculator, world time, and Java applications (optional)

2.2 Main Features

Feature	Description
Music player	<ul style="list-style-type: none"> † Accessing the music player by pressing the shortcut key † Playing audios in MID, QCP, MP3, and AAC formats. The detailed specifications are as follows: AAC: 256 kbit/s and 48 kHz AAC+: 128 kbit/s and 48 kHz EAAC+: 128 kbit/s and 48 kHz MP3: 192 kbit/s and 48 kHz † Playing music in the background † Supporting MP3 ringtones † Adding and deleting a playlist
Video calls (optional)	0.3-megapixel secondary camera used for video calls
Cameras (optional)	<p>High specification (optional):</p> <ul style="list-style-type: none"> † 1.3-megapixel primary camera and 0.3-megapixel secondary camera † Taking pictures with three resolutions: 1280 × 960 pixels, 640 × 480 pixels, and 320 × 240 pixels † Storing pictures with multiple resolutions † Supporting a full-screen viewfinder † Supporting the night mode and multiple image effects † Supporting continuous shooting and the self-timer † Supporting video recording <p>Low specification (optional):</p> <ul style="list-style-type: none"> † 0.3 megapixel primary camera † Taking pictures with two resolutions: 640 × 480 pixels and 320 × 240 pixels † Storing pictures with multiple resolutions † Supporting a full-screen viewfinder † Supporting the night mode and multiple image effects † Supporting continuous shooting
Video recorder (for high specification and optional)	<ul style="list-style-type: none"> † Recording and playing videos † Recording videos in the 3GP format

Feature	Description
	<ul style="list-style-type: none"> † Providing three levels of the video quality (high, medium, and low) † Supporting silent recording † Supporting the night mode † Supporting multiple video recording effects † Recording videos with a maximum resolution of 176 × 144 pixels † Supporting nine digital zoom levels: 1x, 2x, 3x, 4x, 5x, 6x, 7x, 8x, and 9x
FM radio (optional)	<ul style="list-style-type: none"> † Storing a maximum of 20 channels † Searching for and saving channels automatically † Tuning manually † Tuning at a precision of 0.1 MHz † Setting FM frequencies directly † Storing, deleting, and renaming channels † Recording FM radio programs † Playing FM radio programs through the phone speaker.
Bluetooth (optional)	<ul style="list-style-type: none"> † Turning on or off Bluetooth † Listening to music through the Bluetooth headset † Searching for other Bluetooth devices within 10 meters after they have turned on Bluetooth † Sending and receiving images, videos, audios, contact information, and schedules through Bluetooth † Talking on the phone by using a Bluetooth headset within 10 meters after a connection between the headset and the phone is set up
Email (optional)	<ul style="list-style-type: none"> † Sending and receiving emails † Quickly creating email accounts through multiple preset email servers
Ebook (optional)	<ul style="list-style-type: none"> † Supporting ebooks in the txt format † Supporting the files that use UNICODE, UTF-8, GB13000, or BIG5 encoding
Audio recorder	<ul style="list-style-type: none"> † Recording the voice of one party during a call † Recording sounds from the microphone and FM programs † Playback of recorded audios † Setting recorded audios as ringtones † Recording audios with a maximum length of 60 minutes
Folders	<ul style="list-style-type: none"> † Image folder: used to store downloaded images † Ringtone folder: used to store downloaded ringtones † Audio recording folder: used to store recorded audios

Feature	Description
	<ul style="list-style-type: none"> † Supporting image preview and storage space querying † Supporting image formats such as BMP, GIF, JPG, and PNG † Supporting audio formats such as MIDI, MP3, AMR-NB, AAC+, EAAC+, and QCP † Setting music files as ringtones and alarm tones † Setting image files as the wallpaper and the photo caller ID
Memory card (optional)	<ul style="list-style-type: none"> † Supporting a microSD card with a capacity of up to 8 GB † Supporting plug and play and functioning as a USB flash drive after the microSD card is installed on the phone and the phone is connected to a PC through a USB cable † Only receiving incoming calls and messages when the phone functions as a USB flash drive
PC suite	<ul style="list-style-type: none"> † Editing messages and sending group messages quickly † Saving phone messages to a PC † Sending and receiving messages on a PC † Managing and backing up phone contacts on a PC † Backing up files from the phone to a PC † Copying files, pictures, audios from a PC to the phone
SMS	<ul style="list-style-type: none"> † Storing up to 1000 messages in the phone memory (Text messages and multimedia messages share the storage.) † Presetting text message templates † Editing extra-long text messages
MMS	<ul style="list-style-type: none"> † Supporting multiple audio and image formats † Receiving delivery reports † Setting the validity period for multimedia messages † Supporting up to 10 user-defined folders † Sending a multimedia message to up to 20 groups at a time
Phonebook	<ul style="list-style-type: none"> † Storing up to 1000 contacts † Supporting up to 10 groups † Supporting the photo caller ID † Supporting personalized ringtones
Modem function	Functioning as a high-speed modem after the phone is connected to a PC
Applications	Providing multiple applications such as the calculator, alarm clock, calendar, stopwatch, and world time
Supplementary services	Supporting multiple supplementary services such as caller ID display, call waiting, and call forwarding
Java applications (optional)	Supporting download and use of Java applications

Feature	Description
WAP	Supporting WAP 2.0: Through WAP 2.0, users can access the Internet services provided by service providers and enjoy the convenience of mobile services (such as browsing WAP sites and downloading images and ringtones) by using the built-in browser.
Web browser	† Providing a built-in Obigo (Q05A) browser
SIM/STK and USIM/USAT	<ul style="list-style-type: none"> † Specification of the SIM Application Toolkit for the Subscriber Identity Module-Mobile Equipment (SIM-ME) interface † 3GPP TS 11.14 † 3GPP TS 11.11 † SIM and IC Card Requirements TS 21.111 † Characteristics of the USIM application TS 31.102 † 3rd Gen. Partnership Proj Tech. Spec. Group Terminals; SIM App. Toolkit (USAT) TS 31.111

2.3 Environmental Specifications

Table 2-2 lists the environmental specifications of the U2800.

Table 2-2 Environmental specifications of the U2800

Item	Specification
Working temperature	0°C to 40°C
Ambient temperature for storage	-20°C to +70°C
Ambient temperature for transportation	-20°C to +60°C
Humidity	0% to 95%

2.4 Performance Specifications

Table 2-3 lists the performance specifications of the U2800.

Table 2-3 Performance specifications of the U2800

Item	Specification
Frequency bands	<ul style="list-style-type: none"> † GSM/GPRS 900 MHz † DCS/GPRS 1800 MHz † WCDMA 900 MHz (U2800-1)

Item	Specification
Ringtone	128-chord polyphonic ringtones and MP3 ringtones

2.5 Packing Items

Table 2-4 lists the standard packing items of the U2800.

Table 2-4 Standard packing items of the U2800

No.	Name	Quantity
1	Mobile phone	1
2	Travel charger	1
3	Battery	1
4	User guide	1
5	Warranty card	1
6	USB data cable	1

Table 2-5 lists the optional packing items of the U2800.

Table 2-5 Optional packing items of the U2800

No.	Name	Quantity
1	Headset	1
2	microSD card	1

A Acronyms and Abbreviations

AAC	Advanced Audio Coding
AAC+	Advanced Audio Coding Plus
AMR	Adaptive Multi-rate Codec
BMP	bitmap
DCS	Digital Cellular System
eAAC+	Enhanced Advanced Audio Coding Plus
GIF	Graphics Interchange Format
GPRS	General packet radio service
GSM	Global System for Mobile Communications
JPG	Joint Photographic Experts Group
LCD	liquid crystal display
microSD	micro Secure Data
MIDI	Musical Instrument Digital Interface
MP3	MPEG Audio Layer 3
MPEG	Motion Picture Expert Group
PC	personal computer
PNG	Portable Network Graphics
QQVGA	Quarter Quad Video Graphics Array
SIM	subscriber identity module
TFT	thin film transistor
USB	universal serial bus
WCDMA	Wideband Code Division Multiple Access