

## Technical Specifications

### Software

- **Phonebook**  
Telephone, Email, Web, NexTel Radio fields supported
- **Photos and Images**  
JPG, BMP, GIF, PNG formats
- **Video**  
3GP, 3G2, MPEG4 formats
- **Audio and Voice Notes**  
MIDI, MP3, WAV, QCP, XMF, RMF, MMF, IMY, EMY, RMID, AAC and AMR formats
- **Text Messages**  
Text and Multimedia message formats
- **Call History**  
Received, Dialed, Missed Calls
- **Deleted data**  
Text messages and Call history from SIM card
- **SIM and USIM**  
no phone required
- **ESN / IMEI**  
Auto-identification
- **Mobile number of extracted handset**  
Auto-identification
- **Smartphone OS**  
Palm OS, Microsoft, Blackberry, Symbian
- **QCP Dump**  
File system dump support for CDMA Qualcomm-based handsets
- **International Language Data**  
Unicode support for foreign alphabet systems
- **User Interface Languages**  
English, Spanish, French, Portuguese, Russian, Slovak, Greek and German

### Hardware

- **Power Supply:**  
Input: AC 100-240V, 50/60Hz  
Output: DC 12V, 2A
- **Interfaces:**  
RJ-45 (source and target phone)  
USB (source and target phone)  
IrDA (source and target phone)  
Bluetooth  
Mini DIN to PC COM Port  
Mini-USB extension  
SIM / USIM reader  
SD Card reader  
Ethernet port
- **IRDA**  
Both Infrared transceiver modules support STD IrDA speeds (up to 115kbps)
- **Ethernet controller**  
LAN91C111, 10/100MBPS Ethernet- controller, and an 8KB packet buffer SDRAM
- **CPU**  
Intel XScale micro-architecture
- **CPU frequency**  
520MHz
- **Bus frequency**  
104MHz Memory Capacity
- **SD RAM**  
128MByte (RAM)
- **Flash memory**  
Intel StrataFlash embedded memory 64MByte density
- **Operating System**  
Microsoft Windows CE
- **Operating Temperature:**  
0C to 70C / 32F to 158F
- **Storage Temperature:**  
-40C to 80C / -41F to 176F
- **Maximum relative humidity**  
95%



## CelleBrite UFED System

### Universal Forensic Extraction Device

#### At a Glance

- Extract data from most all cell phones or PDAs: phonebook, pictures, videos, text messages, call logs, ESN and IMEI information
- Portable, easy to use in the field as well as in the forensic lab
- Standalone kit, with no computer required for extraction
- Generation of complete, MD5 verified evidence reports
- Supports over 1,200 handset models, with automatic software updates for newly released devices

#### About CelleBrite

Established in 1999, CelleBrite is the leader in cellular phone synchronization technologies. With over 50,000 units deployed and hundreds of thousands of end users, our products have been deployed reliably and effectively throughout the world. Our products are used for commercial data synchronization as well as forensic data analysis. Our commercial customers include the world's premier carriers including Verizon Wireless, AT&T Wireless, Sprint/ Nextel, T-Mobile UK, Orange France and Telstra Australia. Our forensics customers include highly respected national and local divisions of police, anti-terror, public security, military and law enforcement units. Cellebrite has long-term working relationships with major carriers and cellular phone manufacturers, enabling our products to keep ahead of the fast pace of handset technology evolution. New handsets are usually supported before they are launched.

CelleBrite USA



**PLEASE CONTACT YOUR REGIONAL DISTRIBUTOR:**  
**XSPEC TECHNOLOGY SDN BHD**  
No. 8, Jalan Industri USJ 1/8, Taman Perindustrian USJ 1,  
47600 Subang Jaya, Selangor, Malaysia.  
Tel: +60 3 80231161 Fax: +60 3 80231167  
<http://www.xspec.com.my> or [inquiry@xspec.com.my](mailto:inquiry@xspec.com.my)

**CelleBrite**  
mobile synchronization



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information visit...



# Mobile Handset Analysis with Cellebrite UFED: Fast and Secure Forensic Data Collection

## Overview

The Cellebrite UFED Forensics system is the ultimate standalone device which can be used in the field as well as the forensic lab. The Cellebrite UFED can extract vital data such as phonebook, pictures, videos, text messages, call logs, ESN and IMEI information from 1200+ models of handsets sold worldwide. The UFED supports CDMA, GSM, IDEN, and TDMA technologies, and it is compatible with any wireless carrier. The Cellebrite UFED system supports 95% of all cellular phones in the market today, including Smartphones and PDA devices. (Palm OS, Microsoft, Blackberry, Symbian) It requires no PC for field use, and can easily store hundreds of phonebooks and content items onto an SD card or USB flash drive. The Cellebrite UFED supports all known cellular device interfaces, including serial, USB, infrared, and bluetooth. It can then be brought back to the forensic lab for review and verification using the reporting/analysis tool. Field extraction of data insures that a suspect's phone can be examined before the individual has a chance to destroy or erase data. By working exclusively with most major carriers worldwide including Verizon Wireless, AT&T, Sprint/ Nextel, T-Mobile UK, Orange France, Telstra Australia as well as 50 others in the US alone, Cellebrite ensures that future devices are supported prior to retail launch.

## How it Works

Using the Cellebrite UFED to extract forensic data is a simple and fast process:

1. Connect the handset using the provided data cable
2. Identify the handset type in the menu
3. Connect the UFED to a USB disk drive or PC to store the extracted data
4. Hit the start button to start the extraction

The simple transfer takes only a few minutes. Once it is completed, the handset can be returned. The evidence now can be viewed, analyzed, printed and emailed using the supplied PC reporting software.

## Secure and Thorough Content

The UFED allows you to extract a wide variety of data types from the handset:

- Phonebook
- Text Messages
- Call History (Received, Dialed, Missed)
- Deleted Text Messages off SIM/USIM
- Audio Recordings
- Video
- Pictures and Images
- Phone Details
- (IMEI / ESN, phone number)
- QCP File System Dump on select Qualcomm CDMA phones - Coming soon
- SIM ID Cloning- Coming soon

## Foreign Handset Support

The Cellebrite UFED system supports the Unicode industry standard, supporting foreign alphabet systems for data extracted from the handset, to support European, Asian and Middle-Eastern languages.

## Multi-language User Interface\*

Supports 8 languages in menus including English, Spanish, French, Portuguese, Russian, Slovak, Greek and German. Your personnel will be able to utilize the Cellebrite UFED device in their native language. \* For an additional cost

## QCP Dump support- Coming soon

File System Dump- Supports the reading of the file system of select CDMA Qualcomm based handsets

## Important Note:

The data is extracted in a strictly 'read only' process, without modifying data on the source phone. The extracted data is verified using industry standard MD5 hash algorithm to insure data integrity for the courtroom.

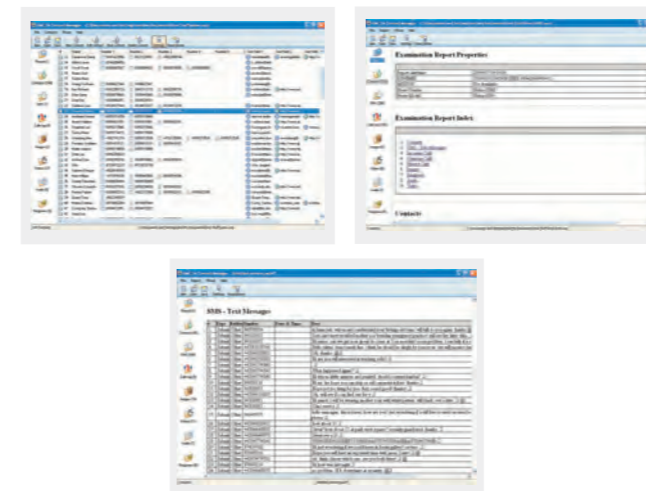
## In the Field and at the Lab

The Cellebrite UFED system is extremely user friendly with a simple user interface that has been proven and field tested for over 7 years, with hundreds of thousands of users.

The UFED's intuitive user interface allows the highest rate of successful extractions in the industry. Back at the lab, or even in the field, simply connect the USB disk drive to any computer to produce detailed reports.

## Content Reports

The Cellebrite UFED system comes complete with a user friendly PC reporting and analysis software application. This software can save, print, and analyze complete records of all supported content types of cellular phone data, on a per-handset basis. Concise, easy to analyze report logs can be generated in HTML format, providing an organized print-out for use as a reference in the courtroom. These reports will also supply important fields such as time and date of extraction, agent or officer who performed the extraction, department, and case number. Data is verified via industry standard MD5 Hash algorithm (read only) to insure data.



## Kit Contents

The Cellebrite UFED is equipped with all you need to extract vital data from almost any mobile phone in the market, and it comes in a customized carrying case for easy transport. The kit includes:

- Cellebrite UFED device
- Complete set of data cables to connect to all supported handsets worldwide (Approx 65)
- Power supply
- UFED Content Manager reporting software
- Operation manual
- Customized Carrying case including Internal/external cable organizer
- 12V Adaptor for Vehicle
- USB Flash Drive
- Bluetooth Adaptor

