



EB Satellite-Terrestrial Reference PDA Phone

Discover the Experience

Get connected anywhere

- ▶ Satellite-terrestrial smart phone in a compact PDA form factor.
- ▶ Windows Mobile based applications serve hyper-connected users for their versatile communication needs.
- ▶ Mass customization made simple and available for various verticals.

EB Satellite-Terrestrial Reference PDA Phone is a lead product for TerreStar's upcoming satellite-terrestrial all-IP mobile network in North America.

EB Satellite-Terrestrial Reference PDA Phone is based on the highly flexible EB platform and can be easily customized for specific target markets.

EB makes mobile terminal product development and lifecycle management simple by building your product ecosystem. EB enables customers to turn next-generation wireless technologies into exciting end-user experiences.

TerreStar plans to build, own and operate North America's first 4G integrated mobile satellite and terrestrial communications network.



EB Satellite-Terrestrial Reference PDA Phone

Network Frequency, Terrestrial

- ▶ Dual-band WCDMA (850 and 1900)
- ▶ TerreStar WCDMA HSDPA 2.2 GHz
- ▶ Quad-band GSM/EGPRS (850, 900, 1800 and 1900)

Network Frequency, Satellite

- ▶ 2.2 GHz satellite band with GMR-3G technology supported, 168.6/170/178.6/180/188.6/190 MHz duplex spacing options (UL freqs. 2000-2020 MHz DL freqs. 2180-2200 MHz)

Display

- ▶ 2.6", Bright active matrix 320x240 (QVGA Landscape) resolution TFT touch screen display with 16M color

User Interface

- ▶ Windows Mobile 6.5 Professional
- ▶ QWERTY keyboard with 38 buttons, 5-way navigation key, 2 customizable application keys, 2 soft keys, Windows Mobile Start Button, OK key, send, end/power key on front
- ▶ Side keys for satellite search and volume (up and down) and mute/unmute key
- ▶ Notification light for messaging and missed calls
- ▶ Charging LED indicator
- ▶ Ambient light sensor
- ▶ Windows Mobile Voice Command
- ▶ Appealing touch screen for stylus and finger use

Connectivity

- ▶ Bluetooth v2.0, Class 2
- ▶ WiFi 802.11b/g
- ▶ USB 2.0 Hi Speed supporting data modem, firmware update, mass storage, ActiveSync
- ▶ GPS

Physical Interfaces

- ▶ Micro USB B-type (slave device)
- ▶ Stereo Wired headset (2.5mm)
- ▶ Satellite RF external connector
- ▶ MicroSD slot
- ▶ SIM (ISIM)

Memory Functions

- ▶ End user memory size 100MB
- ▶ Hot swappable microSD card support up to 16 GB

Service Applications

- ▶ CS and VoIP phone application
- ▶ SMS
- ▶ Microsoft® Outlook Mobile for email (support for POP3 and IMAP4)
- ▶ Instant Messaging (Windows Live/MSN messenger)
- ▶ Microsoft® Office Mobile (Word®, Excel®, PowerPoint®), PDF reader
- ▶ PIM applications; Contacts, Calendar, Tasks, Notepad
- ▶ Microsoft® Internet Explorer Mobile
- ▶ Customizable Today screen

Multimedia

- ▶ Windows Mobile Media Player
- ▶ Camera; 3.0-megapixel, Autofocus, Digital Zoom
- ▶ Camera snapshot format JPG
- ▶ Camcorder format H.263 simple profile 0
- ▶ Image viewing formats; BMP, JPEG, GIF, TIFF
- ▶ Video playback formats; H.264, H.263, WMV
- ▶ Audio playback formats; MIDI, MP3, (e)AAC(+), WAV, WMA, AMR-NB, AMR-WB
- ▶ Digital voice recording; AMR-NB, AMR-WB, PCM

Multimedia Performance

- ▶ Video playback; 30 fps with QVGA resolution
- ▶ Video recording; 15 fps with QVGA resolution

Power Management

- ▶ Battery capacity; 1400 mAh
- ▶ Talk time**; up to 3.5 - 4 hours GSM, up to 3 hours WCDMA, up to 1.3 hours Satellite
- ▶ Standby time**; up to 150 - 170 hours GSM and WCDMA and 34 - 40 hrs hours Satellite

Dimensions

- ▶ 4.7 inch x 2.5 inch x 0.8/0.6inch (length x width x thickness max/min)
- ▶ 118.8 mm x 64.8 mm x 19.25/16.25 mm (length x width x thickness max/min)

**OPERATION TIMES MAY VARY DEPENDING ON NETWORK AND USAGE .

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