

LifeBot® Slate Critical Care Telemedicine Tablet *powered by DREAMS™*

The most powerful portable light-weight tablet for real-time management of critical patients located in remote emergency rooms, ambulances, satellite facilities or intensive care units.



At only 1.5 pounds weight the LifeBot® Slate enables unprecedented portability and functionality in a mobile healthcare solution that brings high definition interactive voice and video communications that facilitate access to patients and physicians in real-time no matter where they are located.

This system also allows for live transmission of critical patient physiological data using LifeBot® DREAMS™ software developed with U.S. Army Materiel Command, Texas A&M, and UTHealth Science Center at Houston.

Remote patient care is now an essential element of every healthcare system. LifeBot® provides easy-to-use technology that breaks down distance barriers and facilitates access to patients and physicians specifically for critical life-saving emergencies.

The LifeBot® Slate PC tablet (similar to, but smaller and more powerful than an Apple iPad) may be used to remotely connect to other LifeBot® DREAMS™ systems including telemedicine carts and ambulances. This tablet is also based on Microsoft Windows 7, so it is accepted by DoD and meets most administrative compliance for use in large institutions. The LifeBot® Slate absolutely revolutionizes speed of care by enabling any neurologist, trauma surgeon, emergency medical specialist to obtain immediate telepresence or remote video, voice and data connections using a simple 1.5 pound portable battery operated PC computer tablet solution. From almost anywhere and at almost any time the physician specialist carrying a LifeBot® Slate can login and perform life-saving patient assessments to a remote hospital, an outpatient satellite facility, or even air and ground ambulance transports for major disasters and events.

The LifeBot® Slate provides for remote access by any critical care specialist from a distance. The Slate enables construction of 'hub and spoke' telestroke or teletrauma networks as recommended by the American Heart Association. Remote emergency rooms or healthcare facilities (the spoke), who do not have 24-hour on-staff critical care, may be connected to a central facility (the hub) who does. Then rapid patient assessments may be performed virtually and remotely at any time and in almost any place.

The Slate is powered by DREAMS™ (Disaster Relief and Emergency Medical Services) telemedicine software which was developed with famed trauma surgeon, James 'Red' Duke, and the U.S. Military. This system allows for the live transmission or reception of critical patient physiological vital signs and trended video, voice, data is recorded and selectively stored in an on-board SQL database server. This data may be forwarded or ported to EHR (Electronic Health Record) systems.

Unlike the Apple iPad, the Slate has a docking station complete with USB interfaces for mouse, keyboard, and common telemedicine accessories like exam cameras, ultrasound, digital stethoscope, custom cameras, headset, hands-free microphone, and more. Even in portable mobile use the Slate has a stand-alone USB port to use these devices. The LifeBot® Slate also makes use of its built-in Gobi™ chipset which may manage data connections between multiple 3G cellular providers at any point in time. (e.g. Verizon, AT&T, Sprint, T-Mobile, Cellular One, etc.) It also is equipped with standard Wi-Fi and GPS compatibility. This versatility assures a functioning system in multiple locations.

Features and Benefits:

- Utilizes a Hewlett-Packard Slate at just 1.5 pounds weight and 9.21 x 0.58 x 5.91 inches size integrating a 1.6GHz Pentium PC 2MB RAM and 64GB flash drive with video resolution of 8.9" diagonal WSVGA wide-viewing angle touchscreen (1024 x 600 or 1024 x 768 for some applications) .
- Integrated 3 MP camera (outward facing); Integrated VGA webcam (inward facing) provides display of both patient and operator in field use. Also enables sending of individual high resolution still images.
- Utilizes exclusive DREAMS™ telemedicine system developed with U.S. Army Materiel Command and others, the most advanced in the world specifically designed for emergency and disaster systems deployments.
- DREAMS™ features include sending and receiving of live patient physiological data, live play-by-play screen color drawing and annotation, isolated video zoom to hi-res imaging, complete patient triage and medical record ePCR charting system, multiple cameras remote controls with management of resolution, panning, zooming, etc. It also may store all trended patient charting and physiological data in its on-board SQL database server.
- Compatible with other DREAMS™ powered LifeBot® systems including mobile telemedicine mobile carts, PC desktops and ambulance systems.
- AES encryption for HIPAA compliancy.
- Instant Messaging and Paging: Send instant messaging e-mail alerts and mass file or data distribution to hospitals or providers directly from private secure portal display.
- Also may be used for TeleStroke, TelePsychiatry, Teletrauma, Dermatology, Translation Services, Primary Care and Correctional Health Systems, Triage, and any General Telemedicine application.
- Gobi™ chipset assures reliable connectivity in more locations with the ability to utilize multiple cellular providers, e.g. Verizon, Sprint, etc.
- PC based compatible with any Microsoft Windows 7 based telemedicine softwares for Radiology and Ultrasound.
- Accepts all popular Windows 7 compatible examination cameras.
- Options available for digital biometric readers, exam cameras, digital stethoscopes, otoscopes, and more. Multiple devices may be connected through the Slate docking station.
- Tested and approved for use with Odyssey Patient Triage software that may enhance triage efficiencies and substantially reduce errors and risks.
- Upgrade path into future patented LifeBot® and DREAMS™ applications.
- Program financing available via Hewlett-Packard Financial Services.



Connect. Communicate. Collaborate. Save Lives™

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