The TITAN III Wireless Gateway (TITAN) is a portable wireless data communication accessory for the LIFEPAK® 12 or LIFEPAK® 15 monitor/defibrillators. It provides secure patient data transmission to the LIFENET® system using WiFi 802.11 a/b/g/n/ac connection to the Internet. The TITAN fits conveniently and securely in its dedicated side pouch of the LIFEPAK® carrying case. Its operation is transparent to the user and the WiFi data transfer takes place automatically. It also, provides audible tones, to signal the success or failure of data reception by the LIFENET system.

The TITAN WiFi Client can be pre-configured to connect to the LIFENET system via a number of authorized WiFi access points. If the TITAN is in an area where more than one authorized access points are available, it will select the most suitable access point based on the signal strength and priority scheme defined during configuration.

The TITAN is not visible to other devices on the WiFi network. This prevents unauthorized connection attempts. Additionally, the TITAN only connects to an access point on the WiFi network when data has to be transmitted and disconnects a short time after the completion of transmission. This further enhances the security aspect of the system.

In EMS applications, the TITAN can connect wirelessly to a WiFi hotspot enabled cellular gateway installed in the ambulance to send data securely to the LIFENET system. The TITAN can also be configured to connect to a number of authorized public WiFi hot spots thereby providing enhanced flexibility to transfer data to the LIFENET system.

The TITAN’s small size and light weight makes it an ideal companion for the LIFEPAK in EMS/pre-hospital applications. TITAN’s design and use of low power technology makes it perfectly suited for battery operated mobile host devices like the LIFEPAK monitor/defibrillator.

For Hospital application, the TITAN can be configured to connect to the in-hospital wireless network. Dual band support enables connection to the in-hospital 5 GHz band staff network co-existing with 2.4 GHz Bring-Your-Own-Device (BOYD) patient network setup becoming popular in the hospitals.
### Compatibility
LIFEPAK® 12,  
LIFEPAK® 15,  
LIFENET® System

### External Interfaces
Serial RS232,  
USB Device

### Wireless LAN – 802.11
Dual Band Compatibility  
2.4 GHz: 802.11 b/g/n;  
5 GHz: 802.11 a/n/ac  
WiFi Client support for a/b/g/n/ac  
Support for Regulatory Domains  
Security: WEP, WPA-PSK, WPA2-PSK,  
WPA-ENT or WPA2-ENT (Client mode)  
Encryption: TKIP, AES (64/128 bit)  
Antenna: <= 3dBi, Monopole, Omni directional

### LED Indicators
Serial Interface (TD, RD, TR, CD),  
WiFi (WF),  
Power (PWR),  
System Status (RUN)

### Power Source
DC 12V, +/- 10%

### Environmental
Operating: 32°F ~ 122°F (0°C ~ +50°C)  
Storage: -4°F ~ 158°F (-20°C ~ +70°C)  
Relative Humidity: Up to 95% non-condensing

### Sound Buzzer
Audible tones for operator feedback indicating success or failure of data transmission to the LIFENET® system

### Enclosure
Fits snugly into a standard LIFEPAK® carrying case  
Material: ABS Plastic, Black  
Size: 5.35" (W) x 7.20" (L) x 1.42"(H)  
136mm (W) x 183mm (L) x 36mm (H)  
Contents: TITAN III, Antennas, cabling  
Connections: Right-angle LIFEPAK® mating  
System Connector cable.  
USB Type B device receptacle

### Regulatory Compliance
**Countries**  
Canada  
United States  
European Union  
Other – (Countries who accept FCC, CE)

**System**  
FCC Part 15 Subpart B Class B  
IC ICES-003 Class B  
EN55011/CISPR 11  
EN 301 489-1,-7,-17,-24  
EN 60950-1

**Wireless LAN**  
FCC Part 15 Subpart C, E  
IC RSS-210, -GEN  
EN 300 328, EN 301 893, EN 301 489-1, -17  
EN 60950-1, EN 62311

**CE Directives**  
RED – 2014/53/EU  
RoHS2 – 2011/65/EU  
WEEE – 2012/19/EU

**Configuration Software**  
- On-board web based configuration accessed via Internet Explorer (IE 7 or higher) under Windows® platform.  
- Configuration data can be exported / imported to allow the user to backup / restore the configuration data.  
- Exported configuration data can be used for rapid configuration of multiple TITAN III Wireless Cellular Gateways.

©2020 Ositech Communications, Inc. All rights reserved. Technical specifications are subject to change without notice. Titan III is a trademark of Ositech Communications Inc. LIFEPAK® and LIFENET® are registered trademarks of Physio Control, Inc. All other trade names herein are trademarks or registered trademarks of their respective owners. * Data speeds indicated are maximum possible. Actual speeds will vary with cellular network and operating conditions.