Introducing the DOT Telemedicine Backpack

The world's first truly mobile telemedicine solution for Mobile Integrated Healthcare - reliably connecting and delivering care even where bandwidth is low.

Weight:
18 lbs
Dimensions:
19.6 x 14.6 x 7.3 in

DOCTORS USED TO CARRY BAGS - NOW BAGS CARRY DOCTORS

swyMed takes telemedicine to a new frontier with a plug-and-play backpack that – for the first time – enables near real-time video medicine in truly mobile environments. The swyMed DOT Telemedicine Backpack gives mobile care providers the ability to connect to doctors for near real-time video medicine –anywhere, and at any time – truly a "Doc-on-Tap".

CONNECTING WHERE OTHERS CAN'T

Powered by swyMed's patent-pending software, the DOT Telemedicine Backpack is light, mobile, easy to use, and delivers unparalleled connectivity. It includes everything needed for a reliable, exceptional-quality live video telemedicine encounter, including antennas, redundant dual-modem connection, 15-hour battery, integrated speaker/microphone, two digital scopes, and ruggedized sunlight-readable tablet with full HD camera. swyMed's proven software overcomes traditional connectivity issues in even the most difficult environments to enable professionals to treat and monitor patients from anywhere through near real-time video.

EASY TO USE

Easy to use, with an intuitive user interface, swyMed's DOT Telemedicine Backpack is fully secure, and provides THE unparalleled interoperability with existing EMRs, PACS and certified third-party diagnostic equipment.

SAVES LIVES… AND MONEY

swyMed's DOT Telemedicine Backpack changes the outcomes and economics of healthcare by allowing providers to assess/monitor patients in an ambulance (i.e. mobile telestroke or critical transports), facilitate paramedicine programs, and prevent expensive and unnecessary emergency transports. The DOT Telemedicine Backpack delivers the lowest cost of ownership of any near real-time video telemedicine solution on the market today – side-by-side comparisons with other vendors' solutions show savings of up to 60%.

The swyMed DOT Telemedicine Backpack
a powerful tool for today's mobile integrated healthcare solutions.

FIRSTNET®
Built with AT&T

Low bandwidth? No problem.
Connect and deliver care where others can't.

RECORDING & ARCHIVING

- Recording capability available if desired, turned off by default
- When enabled, recordings can be saved on swyMed HIPAA-compliant cloud or directed to an alternate secure storage device
- All participants are notified of recording in advance and must consent
- Recordings are available for playback 24/7
- Recordings can only be viewed by participants in the initial call while logged in

CONTENT

- Sharing at native resolution
- Remote desktop control
- Annotation tools
- Virtual flipchart
- IM+ integrated secure messaging (public and private)

INTEGRATION

- LDAP/Active Directory authentication (on site SW gateway needed)
- SIP/H.323 support enables VOIP and PSTN telephone calls and video calls to traditional video conferencing equipment
- Integration with major EMR's through HL7
- Support for a wide range of certified USB and Bluetooth biomedical devices
- PACS integration
- Local & far-end control of PTZ cameras
- Integrated scheduling, provisioning and reporting
- Mobile vital signs reading through certified third-party wireless devices and software

Important Information
Coverage: The Solution operates in the domestic United States. However, wireless data coverage is not available in all areas. AT&T coverage maps are available at att.com/business/coverage. Wireless data coverage is subject to transmission limitations and terrain, system, capacity and other factors.
04/15/2020

For more information visit: **swymed.com**

The Reliable Telemedicine Solution for:

- Mobile Integrated Healthcare (MIH)
- Telestroke Programs
- Community Paramedicine
- Rural Areas & Remote Locations
- Ambulances
- Home Health Visits
- Field Triage
- Critical Transport
- Low Bandwidth Areas and More!

Video
- Up to full HD, user definable
- H.264 AVC codec with hardware encoding
- Allows multiple concurrent audio/video inputs with local or remote switching through our QuickPick technology

Audio
- Full HD audio
- Full duplex
- Echo cancellation
- Local or remote switching of audio source including stethoscopes

Security
- AES 256 encryption exceeds HIPAA standard
- Multi-level permissions, group profiles, private domains

Network (TCP/IP)
- HTTP/HTTPS TCP or UDP connection protocols
- Supports IP Unicast & Multicast in same session
- NAT traversal and basic/NTLM proxy authentication
- Failover & load-balancing
- Unlimited scalability, unlimited domains

Hardware
- Compact, lightweight, portable, molded resin case
- Dual rugged, reliable 4G/LTE mobile gateways
- Four antennas
- 8 hour battery pack
- USB and Ethernet ports
- Ruggedized, military grade Windows 10 Pro Tablet PC with Intel i7 processor, 8 GB of RAM and sunlight-readable screen