

SWE-DISH® HMO HIGHLY MOBILE OFFICE - BRIEFCASE



The Highly Mobile Office, HMO, is an extremely lightweight and portable communications centre for voice, video and data, housed in a rugged, waterproof case. The system contains unique convection air-cooling and internal power distribution allowing for very economical use of space. The HMO briefcase is designed to fit to the IP LAN or serial data connection of the SWE-DISH IPT Suitcase, and act as a control center for the satellite terminal as well as all remote communications and network connectivity requirements (WAN, PSTN/PABX, Internet, Broadcast and Defense Networks). The briefcase HMO is designed for small user-groups of up to 25 users.

CAPABILITY

The HMO case contains a server/PC, Ethernet switch, state of the art router based on Cisco technology with call manager express IP PABX and MPEG-2 video encoder and power distribution. Integrated into the case lid is a

LCD monitor, mouse and all external connectors. This unit is capable of running several concurrent LAN functions including Video Broadcast, Videoconference, IP telephony, User Authentication (plug user laptops into network) web browsing, email, office applications etc. It's full capability is realized with only 5-10 min setup time. The HMO can also be fitted with a low bit-rate store and forward solution for sending video clips.

LIGHTWEIGHT DESIGN, EASE OF USE

Once the IPT has made its satellite connection, in full capability is realized. The system total weight is 14kg (30.8 lbs). In conjunction with the IPT suitcase, the total weight for deployment (excluding external hardware e.g. telephones or client PC's) is 52 kg (114.6 lbs). At this weight, it is possible to send the system as commercial airline baggage, transport in a small car, helicopter or to self-carry over short distance.

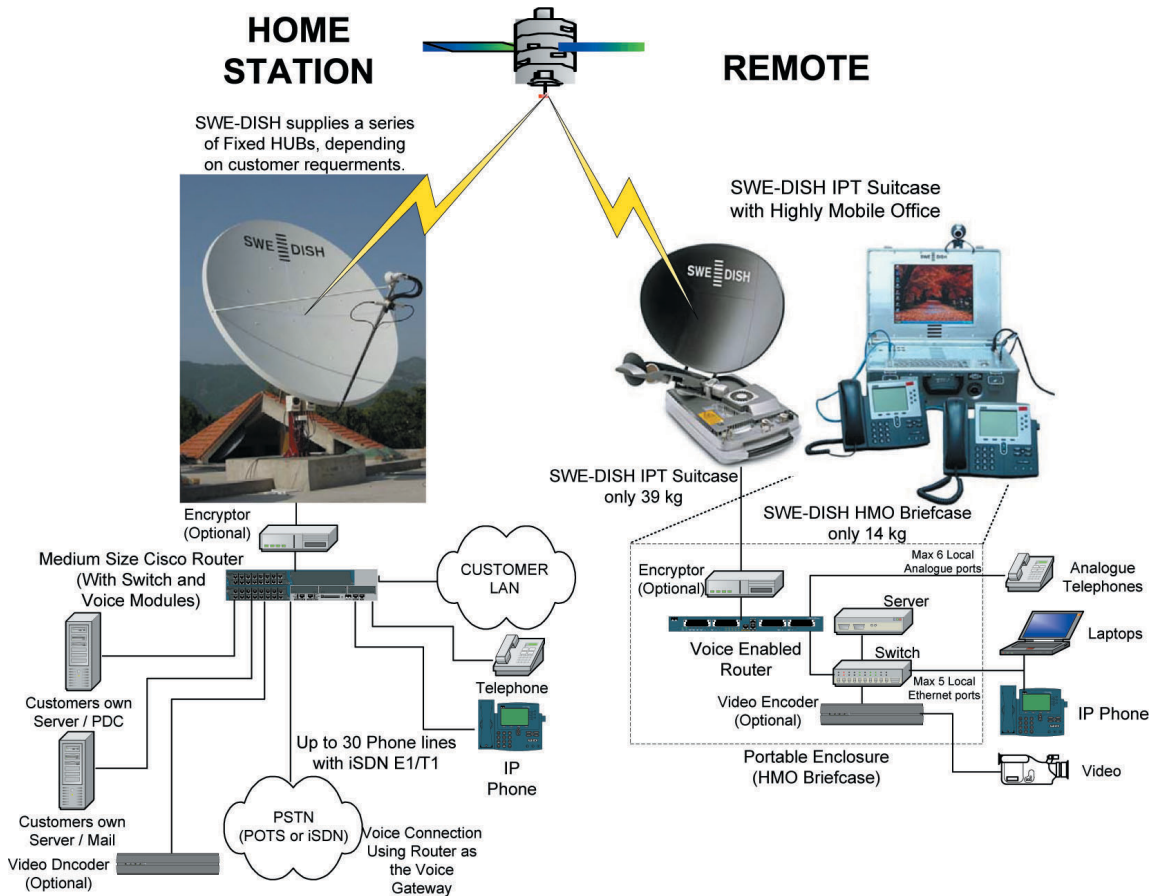
KEY FEATURES

- Full office capability - Gives 25 or more users access to voice, data and video conferencing
- Easy integration - IP-based network
- Suitable for TV and broadcasters - Up to 5 Mbps to home base using the IPT Suitcase, video encoding, video store & forward and voice
- Highly mobile - one 14 kg (30.8 lbs) box
- Suitable for defense - portable and rugged design for rapid and emergency deployment
- Separate Ethernet switch gives expanded authentication capability
- Easy expansion - modular and scaleable

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TECHNICAL SPECIFICATIONS: SWE-DISH® HMO BRIEFCASE

STANDARD		OPTIONS	
Case dimensions	530x360x190mm (20.87x14.17x7.48 in)	Store and forward	Video-capture software (1:10 compression ratio of video clips)
Weight	14 kg (30.8 lbs)	Removable media	CD/DVD RW drive
CPU and motherboard	High Performance Industrial standard components	IP MPEGII Encoder	Professional MPEGII Encoder for Broadcast quality live video streaming
Ethernet	5 port switch	Router	Router based on Cisco technology and with call manager express IP PABX
Firewire	2 ports	DC Power	24 or 48V power supply (internal) 12 V power supply (external)
USB	2 ports	Ethernet	Ruggedized 24 port Ethernet switch (external – to expand user capability)
Power	300 watt PSU (internal) configured for 110 or 240v AC	Wireless Access Point	Opron for Wireless access point using 802.11b Wireless Ethernet. Can be used for remote laptop authentication or VoWLAN (voice over wireless LAN) with outdoor telephones
Disk drive	min 220 GD	Encryption	Integration of local hardware encryption device for military. Internal or external.
Mouse and Keyboard	Fully integrated and IP65 rated		
Monitor	15 inch LCD flat screen (powered from PC supply)		



Specifications are subject to change without notice. This datasheet will not form part of any contract.

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