

HIGHLY MOBILE OFFICE (HMO) – BRIEFCASE



HMO Briefcase with Cisco IP Phones

OVERVIEW

The Highly Mobile Office, HMO, Briefcase 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 connect to an IP or Serial WAN connection, and act as a control centre for all remote communications and network connectivity requirements (WAN, Voice, Internet and Broadcast Networks). The Briefcase HMO is designed for small user-groups of up to 24 users.

CAPABILITY

The HMO Briefcase contains a PC/Server, a state-of-the-art modular router and power supply. Integrated into the case lid is a LCD monitor and a keyboard, trackball and devices connections are presented on the case body. This device is capable of running several concurrent LAN functions including Videoconference, telephony, User Authentication (plug external devices

into the network ports), web browsing, email, and office applications.

The HMO Briefcase can also be fitted with a number of options including VPN acceleration with encryption, WLAN access point, a low bit-rate Store and Forward solution for sending video clips and an MPEG-2 encoder.

EASE OF USE

Once a WAN connection is established (using SATCOM or other WAN service), the HMO Briefcase's full capability is realised within a matter of minutes.

LIGHTWEIGHT DESIGN

The HMO Briefcase fully configured weight is 14 kg (excluding external hardware e.g. telephones or client PCs). At this weight, it is possible to send the system as commercial airline baggage or readily transport or carry for rapid deployments.

Key Features

- Full office capability – Gives up to 24 users access to voice, data and video conferencing
- Easy integration – IP based network elements
- Highly mobile – one 14 kg case
- Robust – internal shock-mounted hardware
- Suitable for TV and Broadcast applications – using Video Encoding, Store & Forward and Voice
- Suitable for Defence – a rugged design with integrated encryption for Data and Voice
- Suitable for Emergency – a portable device for rapid deployment with robust functionality

Technical Specifications

HMO Briefcase - Basic

| STANDARD | | OPTIONS | |
|--------------------|--|-------------------|--|
| Case Dimensions | 530x380x180mm | WLAN | 802.11 a/b/g Wireless LAN access point* |
| Weight | 14 kg | Store and Forward | Video capture software (1:10 Compression ratio) |
| CPU | Nano PC with Intel Pentium M Processor and Intel 852GM chipset | IP MPEG2 Encoder | Professional MPEG-2 Encoder for broadcast quality live video streaming |
| HDD | 80 Gigabyte SATA 2.5" | Encryption | VPN acceleration with DES/3DES/AES(128,192,256) |
| Monitor | IP56 15" LCD monitor (1024 x 768) integrated into case lid | | |
| Keyboard and Mouse | Stainless steel keyboard and trackball integrated into case | | |
| USB | 2 ports version 2.0 | | |
| Ethernet | 8 ports 10/100Base-Tx (auto-negotiate) | | |
| Voice (analogue) | 8 ports FXS | | |

Note: * When installing WLAN into HMO Briefcase a reduction in voice (analogue) or Ethernet ports is required.

HMO Briefcase - VoIP

| STANDARD | | OPTIONS | |
|--------------------|--|-------------------|--|
| Case Dimensions | 530x380x180mm | WLAN | 802.11 a/b/g Wireless LAN access point* |
| Weight | 14 kg | Store and Forward | Video capture software (1:10 Compression ratio) |
| CPU | Nano PC with Intel Pentium M Processor and Intel 852GM chipset | IP MPEG2 Encoder | Professional MPEG-2 Encoder for broadcast quality live video streaming |
| HDD | 80 Gigabyte SATA 2.5" | Encryption | VPN acceleration with DES/3DES/AES(128,192,256) |
| Monitor | IP56 15" LCD monitor (1024 x 768) integrated into case lid | | |
| Keyboard and Mouse | Stainless steel keyboard and trackball integrated into case | | |
| USB | 2 ports version 2.0 | | |
| Ethernet | 8 ports 10/100Base-Tx (auto-negotiate) | | |
| Voice (analogue) | 8 ports FXS | | |
| VoIP | Cisco Call Manager Express for 24 IP Phones | | |

This Data Sheet is for information purposes only; the specifications included are subject to change without notice. This Data Sheet will not form a part of any contract.