

# SCOTTY MOBILE



**All-in-one video and data communication system, packed in a ruggedized portable case, for use in remote and difficult environments.**

- > The SCOTTY Mobile is the ultimate solution to your video communication needs. It features an industrial PC, high speed data transfer system, digital video recording, standard H.320/H.323 videoconferencing, T.120/H.239 data conferencing etc. in a ruggedized, deployable unit. This award-winning unit is unique; it is both high-tech and tough, absolutely ideal for doing successful work in the field.
- > The SCOTTY Mobile is a water-proof, shock-resistant (military-tested) video communication unit with a high intensity fifteen inch industrial display. The unit can be easily connected to various networks including satellite-phone, VSAT, ISDN, leased line and NATO standard encryption devices. The Scotty Mobile is truly an all-in-one unit; DC power supply, multiple network interfacing (no extra adapters needed), high resolution camera, speaker, microphone, and echo cancellation are all built in. The SCOTTY switching matrix manages numerous in/outputs for external audio and video.
- > Whether you are conferencing, sharing data, sending data, or simply computing alone, the SCOTTY Mobile video communication unit will be working there by your side - anywhere in the world.



▶ **NETWORK INTERFACE**  
ISDN, LAN,  
INMARSAT BGAN;  
INMARSAT GAN  
INMARSAT B HSD\*, IMUX\*,  
VSAT\*, LEASED LINE E1/T1\*

▶ **IN & OUT**  
AUDIO, MIC, CAMERA  
VIDEO RECORDER  
DOCUMENT CAMERA  
VIDEO PROJECTOR

▶ **FEATURES**  
VIDEO SWITCHING MATRIX  
AUDIO MIX  
HIGH EFFICIENCY  
DATA TRANSFER  
HIGH QUALITY MPEG 4  
RECORDER\*  
STORE & FORWARD  
ENCRYPTION SUPPORT\*

\* optional

**SCOTTY™**

# SCOTTY Mobile

## TECHNICAL SPECIFICATIONS

### VIDEO SYSTEM

- > Display: 15" high-end industrial TFT, 1024x768 pixels, luminance 350 cd/m<sup>2</sup>
- > Overlay: Video window scaleable up to full Screen, "snapshot" function
- > Camera: Built in 1/3" CCD; 2 Lux; Lens f = 7,5mm
- > Additional video inputs: 3 x composite 75 Ohm input
- > Additional video outputs: 2 x composite 75 Ohm output
- > Video control: Video cross switching matrix with preview function.
- > H.239: Dual video stream

### AUDIO SYSTEM

- > Microphone built in
- > Speaker built in
- > Additional audio inputs: 2 x line, 1 x headset/mic, phantom powered
- > Additional audio outputs: 2 x line, 1 x headset/speaker
- > Audio control: Audio mixer for all inputs and outputs
- > Echo cancellation: Wide band acoustic echo cancellation
- > Sound system: Integrated stereo Windows® Sound System

### COMMUNICATION UNIT

- > Computer: Industrial Intel® Core2 Duo™ PC
- > Keyboard: Extractable keyboard with mouse
- > Videocodec: 56 kbps – 1,536 kbps H.320/H.323
- > ISDN: 4 BRI (8B) internal inverse multiplexer "Bonding" standard
- > Network interface: Single and dual channel: Data: RS 449/422, V.35, X.21, V.28, RS 530,...; Dialing: V.25bis, X.21, ...
- > LAN: Ethernet 10/100 Base T
- > USB 2.0: 2 ports
- > Drive bay: Removable hard drive & DVD reader/writer

### OPTIONS

- > MPEG 4 recording: 250 kbps – 5 Mbps audio/video recording up to FD1 resolution
- > Touch screen
- > External camera: Sony, Canon, Wolfvision, ...; Controlled by the SCOTTY Teleport™ software; integrated power supply

### ACCESSORIES

- > Vehicle Kit for stable operation in vehicles with quick release function
- > Battery Set, including rechargeable battery, Charger and interface cable to the Mobile

### SOFTWARE

- > SCOTTY Teleport™ Software: easy to use; high efficiency file transfer; Store & Forward function
- > File transfer optimized for BGAN and GAN including SCOTTY File Exchange
- > NetMeeting™: Shared Whiteboard, Application Sharing, ...;
- > Windows® OS

### STANDARDS

- > Video system: PAL/NTSC (please specify)
- > Video coding: H.261, H.263, H.263+, H.264, up to 30 frames/s
- > Audio coding: G.711, G.722, G.723.1, G.728
- > Data: T.120, H.239
- > Far end camera control: H.281
- > ISDN: Euro ISDN DSS-1, 5ESS, NI-1, DMS-100, INS 64, 1TR6

### PHYSICAL

- > Power: AC 90-260 V, 40 Hz – 400 Hz, 100 VA, DC 10 – 32 V
- > Operating conditions: Temperature: 0° to 40° C, Humidity: 85% non condensing
- > Transport conditions: -20 to 60° C, Vibration: 4g, 2 – 200 Hz
- > Size: 48 x 15 x 36 cm (19 x 6 x 15 inch)
- > Weight: 13 kg (28 lbs)

Contact your authorized reseller or SCOTTY Group representative to learn more. Specifications subject to change without notice.

### ENCRYPTION SUPPORT



- > SCOTTY equipment is interoperable with any NSA type 1 approved encryption device (KIV-7HS, OMNixi, STE, TAFLANE....)



Video Camera

Microphone

Industrial high-end display

SCOTTY Teleporter™ Software

ISDN, LAN Universal power supply



Speaker

Video/ Audio in & out Multi-network interface

Industrial core 2 duo™

Extractable keyboard

Waterproof case