



## SCOTTY MOBILE

### SYSTEM

### GENERAL

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, traditional H.320/H.323 videoconferencing, 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 from the field.

The **SCOTTY** Mobile is a water-proof, shock-resistant (military tested), video-communication unit with a high intensity industrial display protected by an anti-mirroring metal steam-plated screen. It runs through satellitephone, VSAT, ISDN, IMUX, leased line etc. and is based on an industrial laptop. 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 videoconferencing, 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 INTERFACING

ISDN, INMARSAT GAN (M4), VSAT\*, SATPHONE\*, LEASED LINE E1/T1\*, IMUX\*

### IN/OUT

AUDIO, MIC, CAMERA, VIDEO RECORDER, DOCUMENT CAMERA

### FEATURES

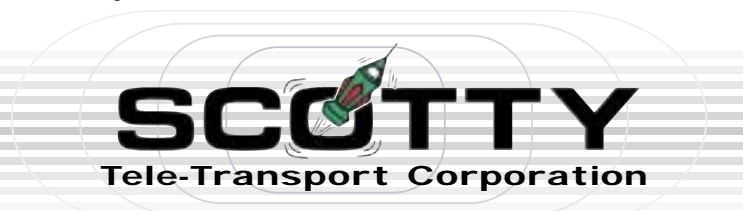
SNAPSHOT, VIDEO SWITCHING MATRIX, AUDIO MIX, RECORD & FORWARD, HIGH SPEED DATA TRANSFER, ENCRYPTION\*, MPEG1 (up to 3MBit/s)\*

\* optional



# SCOTTY MOBILE SYSTEM COMPONENTS

<b>VIDEO SYSTEM</b>	<b>DISPLAY</b>	12,1" high-end industrial TFT, 1024x768 pixels, luminance 200 cd/m <sup>2</sup>
	<b>OVERLAY</b>	Video scaleable up to full screen, "Snapshot" function
	<b>CAMERA</b>	Built in 1/3" CCD; 2 Lux; Lens f = 7,5mm
	<b>ADDITIONAL VIDEO INPUTS</b>	2 x composite 75 Ohm Input
	<b>ADDITIONAL VIDEO OUTPUTS</b>	2 x composite 75 Ohm Output
<b>AUDIO SYSTEM</b>	<b>VIDEO CONTROL</b>	Video cross switching matrix with preview function
	<b>MICROPHONE</b>	built in
	<b>SPEAKER</b>	built in, 3 W
	<b>ADDITIONAL AUDIO INPUTS</b>	2 x mic/line, adjustable mic: phantom powered
	<b>ADDITIONAL AUDIO OUTPUTS</b>	1 x line/headset; mono, stereo
	<b>AUDIO CONTROL</b>	Audio mixer for all inputs; audio cross switching matrix
	<b>ECHO CANCELLATION</b>	Wide band acoustic echo cancellation
<b>COMMUNICATION UNIT</b>	<b>SOUND SYSTEM</b>	Integrated stereo Windows Sound System
	<b>COMPUTER</b>	Industrial Celeron™; Processor, 500 MHz
	<b>KEYBOARD</b>	Extractable regular keyboard trackball mouse
	<b>LAN</b>	Ethernet 10/100 BaseT
	<b>VIDEOCODEC</b>	56 kbit/s - 1152 kbit/s H.320 64 kbit/s - 768 kbit/s H. 323
<b>OPTIONS</b>	<b>ISDN ADAPTER</b>	1 BRI (2B), CAPI 2.0
	<b>NETWORK INTERFACE</b>	Data: RS449/422, V.35, X.21, V.28, RS 530,...; Dialing: DTMF, RS366, V.25bis, X.21
	<b>MPEG RECORDING</b>	500 kbit/s - 3 Mbit/s MPEG1 video/audio recording (Note: PC-Card not available)
	<b>KEYBOARD</b>	Membrane keyboard
	<b>IMUX</b>	External ISDN 4 BRI (8B) inverse multiplexer; "Bonding" standard; controlled by the SCOTTY Teleporter Software
	<b>PC-CARD (PCMCIA)</b>	Type I/II/III
	<b>EXTERNAL CAMERA</b>	Sony EVI-D31 Pan-Tilt-Zoom camera; Wolfvision VZ-7D Zoom Document Camera, controlled by the SCOTTY Teleporter Software, power supply by the SCOTTY Mobile
<b>SOFTWARE</b>	<b>DUAL SYNCHRONOUS DATA INTERFACE</b>	2 x Inmarsat M4 (GAN), 2 x Inmarsat B, etc.
	<b>SCOTTY TELEPORTER</b>	Easy to use; High efficient file transfer; with on-line compression; Record & Forward function Shared Whiteboard, Application Sharing
	<b>NETMEETING™</b> <b>WINDOWS 98™</b>	
<b>STANDARDS</b>	<b>VIDEO SYSTEM</b>	PAL/NTSC (order specified)
	<b>VIDEO CODING</b>	H.261, H263, up to 30 Frames/s
	<b>AUDIO CODING</b>	G.711, G.728, G.722
	<b>DATA</b>	T.120
	<b>FAR END CAMERA CONTROL</b>	H.281
	<b>ISDN</b>	Euro ISDN DSS-1, National ISDN 1, Nortel DMS-100 Custom, NTT INS64 (Japan), TPH 1962 (Australia), AT&T 5ESS Custom, AT&T G3 PBX Custom, ETSI: DSS1 for New Zealand
<b>PHYSICAL</b>	<b>POWER</b>	AC 90 - 260 V, 40 Hz - 400 Hz, 100 VA, DC 10 - 32 V
	<b>OPERATING CONDITIONS</b>	Temperature: 0 to 40° C, (optional -20 to 40° C) Humidity: 85% non condensing
	<b>TRANSPORT CONDITIONS</b>	Temperature: -20 to 60° C, Vibration: 4g, 2 - 200 Hz
	<b>SIZE</b>	48 x 15 x 36cm (19 x 6 x 15 inch)
	<b>WEIGHT</b>	13 kg (28lb.)



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