

# CareStation®126s

## Motion Media's videophone puts a new face on home monitoring

- Familiar, easy to use telephone interface and functionality
- FDA 510k clearance as a Class II medical device
- Interfaces to a broad range of medical peripherals
- Features integrated digital stethoscope
- Built-in camera and clear, vivid image display
- One button access to caregiver
- Hands-free Audio
- Plugs into standard PSTN phone line



Videophone communication improves the reach and effectiveness of care provider services and gives patients greater access to medical practitioners.

Remote video calls promote more frequent interaction between patient and caregiver, fostering better regimen compliance. Plus, telehealth has made a significant impact on rising costs by letting practitioners call on more patients, while continuing to provide conscientious, quality healthcare to each.

### Adds a new dimension

CareStation®126s is as familiar and easy to operate as a telephone, because it is one...with several distinctions.

Like a phone, it plugs into a standard (PSTN) phone line, is dialed using a keypad and has a speaker-phone function for hands-free operation.

But CareStation 126s goes beyond voice, incorporating video communication and data transmission capabilities into its compact, all-in-one design.

It supports connection to a broad range of medical monitoring devices\* for vital signs, blood pressure, glucose, pulse oxymetry, weight and, a powerful new feature - integrated digital stethoscopy.

### Reduces the cost of healthcare

Remote visits by video allow the caregiver to see more patients. The convenience of the CareStation126s encourages more frequent contact between the practitioner and the patient - especially important for the elderly and home bound. By extending provider resources and fostering patient health maintenance, video telehealth helps lower the overall cost of healthcare.

### ...while enhancing wellbeing

CareStation126s facilitates a face-to-face relationship between caregiver and patient, enhancing patient quality of life and providing vital support from the caregiver in:

- Monitoring patient compliance to medications and prescribed regimens, making adjustments to keep health on track.
- Providing timely medical intervention to minimise acute events requiring hospital visits.
- Lending emotional support for coping with chronic and acute illness.
- Allowing the patient to maintain an independent lifestyle.

The CareStation®126s is also the first videophone on the market to have received 510K clearance from the U.S. Food and Drug Agency (FDA) as a Class II medical device.

\*requires additional components purchased separately

CareStation®126s

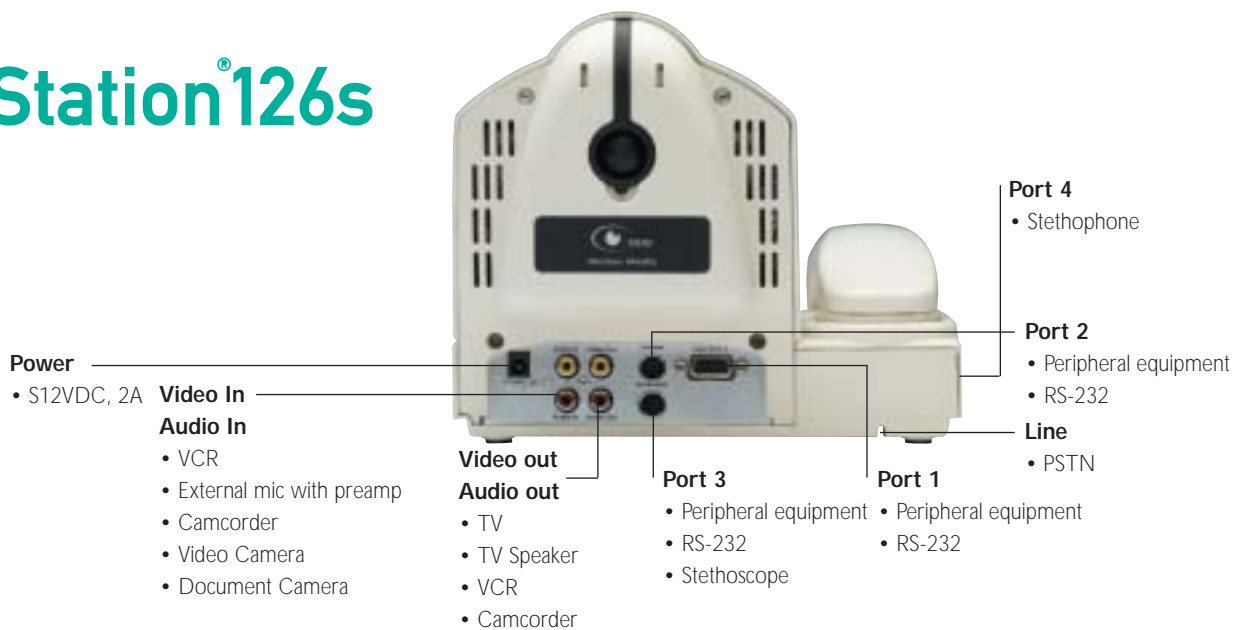


Innovation with vision®



Motion Media

# CareStation<sup>®</sup>126s



## Power

- S12VDC, 2A

## Video In

- VCR
- External mic with preamp
- Camcorder
- Video Camera
- Document Camera

## Audio In

- VCR
- External mic with preamp
- Camcorder
- Video Camera
- Document Camera

## Video out

- TV
- TV Speaker
- VCR
- Camcorder

## Audio out

- TV
- TV Speaker
- VCR
- Camcorder

## Port 3

- Peripheral equipment
- RS-232
- Stethoscope

## Port 1

- Peripheral equipment
- RS-232

## Port 4

- Stethophone

## Port 2

- Peripheral equipment
- RS-232

## Line

- PSTN

## Technical specifications

### Communications Protocols Supported

- H.324 over PSTN including proprietary security and control features
- Video compression: H.263
- Audio compression: G.723
- Capability/Control Protocol: H.245
- Multiplexing: H.223

### System performance

- CIF video format: 352 x 288 pixels, 7.5 fps
- QCIF video format: 176 X 144 pixels, 15 fps

### Video Inputs

- Internal color camera (manual tilt)
- Composite inputs: 2 - Phono, Mini-DIN
- Format: NTSC/PAL Composite 1 Vpp
- Termination: 75 Ohms

### Audio Inputs

- Handset and internal microphone
- Line level inputs: 2 - Phono, Mini-DIN
- Format: Line level (-10dbm typical)
- Termination: 10k Ohms (minimum)

### Video Outputs

- Integrated 5i TFT LCD display
- Video output: Phono
- Format: NTSC/PAL Composite 1 Vpp
- Impedance: 75 Ohms

### Audio Outputs

- Handset and internal speaker
- Audio output: RCA
- Format: Line level (-10dbm typical)
- Impedance: 600 Ohms

### Data Ports and Device Support

- Operating modes include camera control, transparent data channels and host control
- Data rates supported from 1200-115,200 bps
- Data Port Devices Supported:
  - Therasense<sup>™</sup> Freestyle<sup>™</sup> blood glucose monitor
  - CritiCare<sup>™</sup> 506DXN2 Vital signs monitor
  - Koko Peak<sup>™</sup> Peak flow meter
  - Analogic FETALGARD Lite<sup>™</sup> fetal monitor

- A&D Medical UA-767PC blood pressure monitor
- A&D Medical UC-321P health scale
- Nonin<sup>®</sup> ipod<sup>™</sup> & Xpod<sup>®</sup> Pulse Oximeter

### Optional Accessories\*

- Stethoscope (Chest piece): Part # P-9900-00016
- Stethophone (Ear piece): Part # P-9900-00007

\*Available separately

### Performance

- Frequency Range: 20Hz-1000Hz
- Sample Rates: 2000Hz, 3200Hz
- Live preview, store and forward operating modes

### Network Communications Interface

- Internal V.34 Data modem
- Connector: RJ-11 Jack
- Compatible with standard analog PSTN phone lines
- Speed: Up to 33.6 kbps
- Smart Silicon DAA interface maximizes connection speeds

### Software features

- Works as both a standard telephone and as a videophone
- 50 entry phone book and integrated speed dial function
- Camera control drivers for Sony and Canon PTZ cameras
- Digital Pan/Tilt/Zoom for non-PTZ cameras
- Image quality controls to selected resolution, motion and details
- Full-duplex acoustic echo canceller included
- Remote site user ID display with overlay on picture
- Picture-in-Picture (PiP) display (movable, sizable)
- Image snapshot and privacy modes
- Auto answer mode
- Secure PIN access to remote systems
- Auto dial on alarm trigger
- On-screen diagnostics and call reporting

- Software updates via phone or RS-232 interface

### Power

- DC input requirement 12 VDC
- Power consumption <22W active <5W standby
- Power Adapter: UL, CSA & CE listed AC adapter, 100-240VAC, 50-60Hz, 3A

### Physical/Environmental

- Dimensions (HxWxD): 180 x 210 x 250mm
- Weight: 1.2kg
- Operating temperature: 0° to 40°C ambient
- Operating humidity: 5% to 95% relative humidity, non-condensing
- Storage temperature: 0° to 70°C ambient
- Storage humidity: 5% to 95% relative humidity, non-condensing

### Package includes

- RJ-11 cable
- AC Power Adapter
- User Manual
- Quick Start Guide

### Approvals

- FDA 510K Class II Medical Device
- UL, CUL listed
- CE Mark Europe
- FCC Part 15B
- ACTA (FCC) Part 68, CANADA CS-03, CTR 21
- For other countries contact your supplier

### Expansion Ports

- Port 1: DB9F, RS-232, DCE Pin out
- Port 2: Audio input, Video input, Power Output (Mini-DIN8, RS-232)
- Port 3: Stethoscope input (Mini-DIN8, RS 232)
- Port 4: Stethophone output

### Warranty

- One year parts and labour

Specifications subject to change without notice



## UK and Europe

Tel: +44 (0)1454 635400

email: info@motion-media.com

## The Americas

Tel: +1 (910)395-6100

email: info@motion-media.com