

# CareStation™ 110

Motion Media's video set-top box brings healthcare into view.



- Connects to a standard TV or monitor
- Plugs into standard (PSTN) phone line
- Clear, vivid image with snapshot feature
- Compatibility with broad range of medical peripherals
- Remote control with one touch button to contact Call Center
- Communicates with another CareStation™ 110, CareStation™ 125 or mm125 videophone

#### Adds a new dimension to healthcare

**CareStation™ 110** brings remote healthcare to the patient's side while giving the caregiver more flexibility in providing as needed patient care. Typically placed on top of a TV or monitor, with the camera adjusted to take in both patient and setting, **CareStation 110** provides an overall picture of the patient's health. It also enables the health practitioner, via data ports, to collect vital patient data using a variety of compatible medical devices.

#### Great image quality over phone lines

**CareStation 110** offers outstanding video and audio quality - even at the low bandwidth of standard telephone (PSTN) lines. It captures fluid movement and presents clean, clear picture quality on a TV or monitor. Fully compliant with video and audio telecommunications standards, **CareStation 110** inter-operates with equipment from other vendors. And, because video communication takes place over a regular phone line, there are no additional costs for the connection.

#### Stay in contact for good health

Motion Media video products are widely recognized for putting a face on telehealth. Visual contact enhances patient quality of life and facilitates the vital support of a remote caregiver. Plus, the convenience of remote video promotes more frequent interaction between patient and caregiver, fostering better regime and medication compliance.

#### Bring others into the picture

Isolation, loneliness and depression are common among people with limited mobility and/or chronic illness, particularly the elderly. Placing one **CareStation 110** with the patient and another with family or friends lets others make a crucial contribution to the patient's wellbeing.

#### Keep healthcare costs low, impact high

Video devices for telehealth make a significant impact on rising costs by allowing caregivers to call on more patients, while still providing quality healthcare to each. With the caregiver's timely medical intervention, acute events - that might otherwise lead to an emergency room visit - can be mitigated.

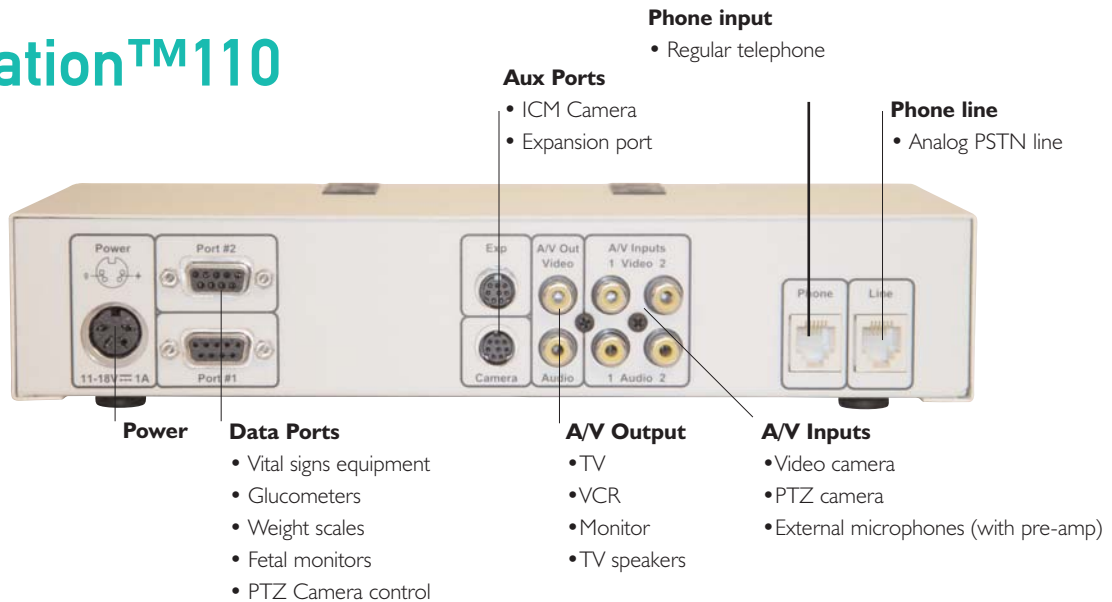
CareStation 110



Innovation with vision™



# CareStation™110



## 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
- QCIF video format: 176 X 144 pixels
- CIF, 7.5fps, QCIF, 15fps

### Video inputs

- Internal color camera (manual tilt)
- Composite input: Phono
- Format: NTSC/PAL Composite 1 Vpp
- Termination: 75 Ohms
- Peripheral camera port: MiniDin-8

### Audio Inputs

- External telephone (not included)
- Integrated directional microphone array
- Audio inputs: Phono
- Format: Line level (-10dbm typical)
- Termination: 10K Ohms (minimum)
- Peripheral audio port: MiniDin-8

### Video Outputs

- Video output: 1, Phono
- Format: NTSC/PAL Composite 1 Vpp
- Impedance: 75 Ohms

### Audio Outputs

- External telephone (not included)
- Audio output: 1, Phono
- Format: Line level (-10dbm typical)
- Impedance: 600 Ohms (minimum)

### RS-232 Data Ports

- Connectors: 2, DB9F
- Format: RS-232, DCE Pin-out
- For use with external PTZ cameras, peripherals, PCs
- Operating modes include camera control, transparent data channels and host control
- Each port also provides an alarm trigger input

- Data rates supported from 1200-115,200 bps

### Peripheral Video and Audio Ports

- Connectors: 2, 8 pin MiniDIN proprietary
- Format: Power, Video, Audio and Control
- For use with custom applications and peripherals

### Network Communications Interface

- Internal V.34 Data modem
- Connectors: 1, RJ-11 Jack
- Compatible with standard analog PSTN phone lines and standard telephone sets
- Speed: Up to 33.6 kbps
- Smart Silicon DAA interface maximizes connection speeds

### Software Features

- 50 entry phone book and integrated speed dial function
- Remote source and camera controls
- 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
- Compatible with eyesite™ series security products
- Auto dial on alarm trigger
- On-screen diagnostics and call reporting

- Software updates via phone or RS-232 data port

### Power

- DC input requirement 10-18 VDC
- Power consumption < 15W active < 5W standby
- UL/CSA listed AC adapter, 110 or 230V, 50-60Hz

### Physical/Environmental

- Dimensions (HxWxD): 45 x 292 x 145mm
- Weight: 1.6kg
- 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:

- Hand-held infrared remote control (batteries included)
- Standard telephone RJ-11 line cord
- Standard audio/video cable (to connect TV or monitor)
- AC power adapter
- User manual

### Approvals

- FCC part 15B, part 68
- Industry Canada CS-03, ICES-3003
- For other countries contact your supplier

### Warranty

- One year parts and labor

Specifications subject to change without notice

For further information contact your Motion Media representative.



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