

# SmartView™ Xtend



**technical specifications**

## Product

- Height 11"/268mm
- Width 14"/355mm
- Depth 18"/450mm
- Weight 27lbs/ 12.2kgs
- Operating temperature range 10 to 40°C
- Storage temperature range -20 to 60°C
- Operating humidity range 20% to 80%
- Storage humidity range 10% to 95%

## Transportation Box

- Height 24"/640mm
- Width 19"/475mm
- Length 26"/650mm

## General

- Colour (black & white also available)
- Field upgradeable to include advanced features and computer support.
- Auto-focus camera
- Sturdy smooth ball bearing X/Y moveable reading table
- ISO9000 certified quality
- Maximum monitor weight supported 66.1lbs/30kgs

## Reading Table

- Dimensions 14" x 14"/355mm x 355mm
- X dimension travel +/- 5.4"/137mm
- Y dimension travel 11.4"/290mm
- Height of reading table 2"/50mm
- Margin stops at left and right
- Friction pad adjustments
- Working space (height) 6"/147mm

## Optics

- Magnification range 15" display 3x to 49x
- Magnification range 17" display 4x to 55x
- Magnification range 19" display 5x to 62x
- Magnification range 21" display 5x to 68x

*Magnification will vary depending on the size and make of monitor*

## Illumination

- Light emitting diodes (LEDs)
- Typical lifetime: greater than 10,000 hours (manufacturer's specifications)

## Power Supply

- Input voltage 90-260 V AC
- Frequency 47-63Hz
- Input current 1.6 to 0.2A
- Connector IEC with separate cable
- Power usage 55W max

## Controls

- Zoom (size)
- Display mode-picture or text
  - Picture: full colour or gray scale with black & white models
  - Text: with selectable foreground/background colour combinations
- Brightness
- On/off
- Simple Remote optional
- Smart Keypad optional
- Footswitch optional

## Image Choices

- Picture mode for enhanced viewing of images
- High contrast display for enhanced viewing of text
- Positive or negative image display in high contrast mode
- User selectable foreground/background colour false combinations. Includes:
  - Black
  - White
  - Blue
  - Yellow
  - Green
  - Magenta
  - Orange
  - Cyan
  - Grey
- User selectable reduced foreground/background colour combinations. Includes:
  - Black
  - White
  - User preferred false colour

## Basic Menu Choices

- Brightness adjust for both text & photo mode (also on front panel control)
- Contrast adjust for both text & photo mode
- Colour adjust for photo mode
- Normal (accurate) colour and enhanced colour
- Language (English, US English, Spanish, Dutch, Italian, French, German, Swedish, Portuguese, Norwegian)
- Output display frequency selection 60Hz or 75Hz
- Beeps on and off
- System information

## Advanced Menu Choices (With supporting feature packs)

- Calculator display choices
- 12/24 Hr clock
- Lights off time setting with computer or external camera
- Display text when changing modes

## Optional Accessories

- Flat screen support arm
- Module 1 upgrade
- Module 2 upgrade
- Module 3 upgrade

## Connections

- VGA output
- TV/Composite video output
- NTSC Composite video input optional
- Computer video (VGA) input optional
- IEC input for power
- IEC output power supply to monitor
- Footswitch input
- Smart Keypad/simple remote input

## Standards and Approvals

### Safety and Medical

- BSEN 60950-1
- BSEN 60601-1, IEC601-1, AS/NZS 3200.1.0

### EMC

- FCC 47 Part 15:1994 Class B
- CE
- BSEN55011, CISPR 11
- BSEN55022, CISPR 22
- BSEN55024, CISPR 24

IEC6100-3-2

IEC6100-3-3

IEC6100-4-2

IEC6100-4-3

IEC6100-4-4

IEC6100-4-5

IEC6100-4-6

IEC6100-4-8

IEC6100-4-11

### Medical

- EN60601-1-2

### Other

- ISO 14971
- EN 12182

## Upgradeability Options

### Module 1

(Optional upgrade)

Simple remote providing:

- Front panel functions
- Line markers and blinds, including size, orientation and position adjust
- Page Locator
- Preset – rapid zoom to 1 preset magnification level

### Module 2

(Optional upgrade)

Keypad providing:

- Line markers and blinds, including size, orientation and position adjust
- Page Locator
- Preset – rapid zoom to 1 preset magnification level
- Date and time display
- 4 function calculator with memory
- 5 sizes of on-screen display characters

### Module 3

(Optional Upgrade)

Keypad and footswitch providing Module 2 functionality plus:

- Composite video or camera input
- Connects to desktop, laptop or notebook computer with VGA display output connector
- Displays computer, camera images and external video in
- Video modes:
  - 640 x 480 @ 60, 72, 75, 85, 90Hz
  - 720 x 400 @ 70Hz
  - 800 x 600 @ 50, 60, 72, 75, 85, 90Hz
  - 1024 x 768 @ 60, 70, 75, 85Hz
  - 1152 x 864 @ 60, 75Hz
  - 1280 x 960 @ 60Hz
  - 1280 x 1024 @ 60 Hz

Display Selections

- Fullscreen camera
- Fullscreen computer view
- Splitscreen computer view
- Fullscreen external video

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\* Specifications are subject to change without notice