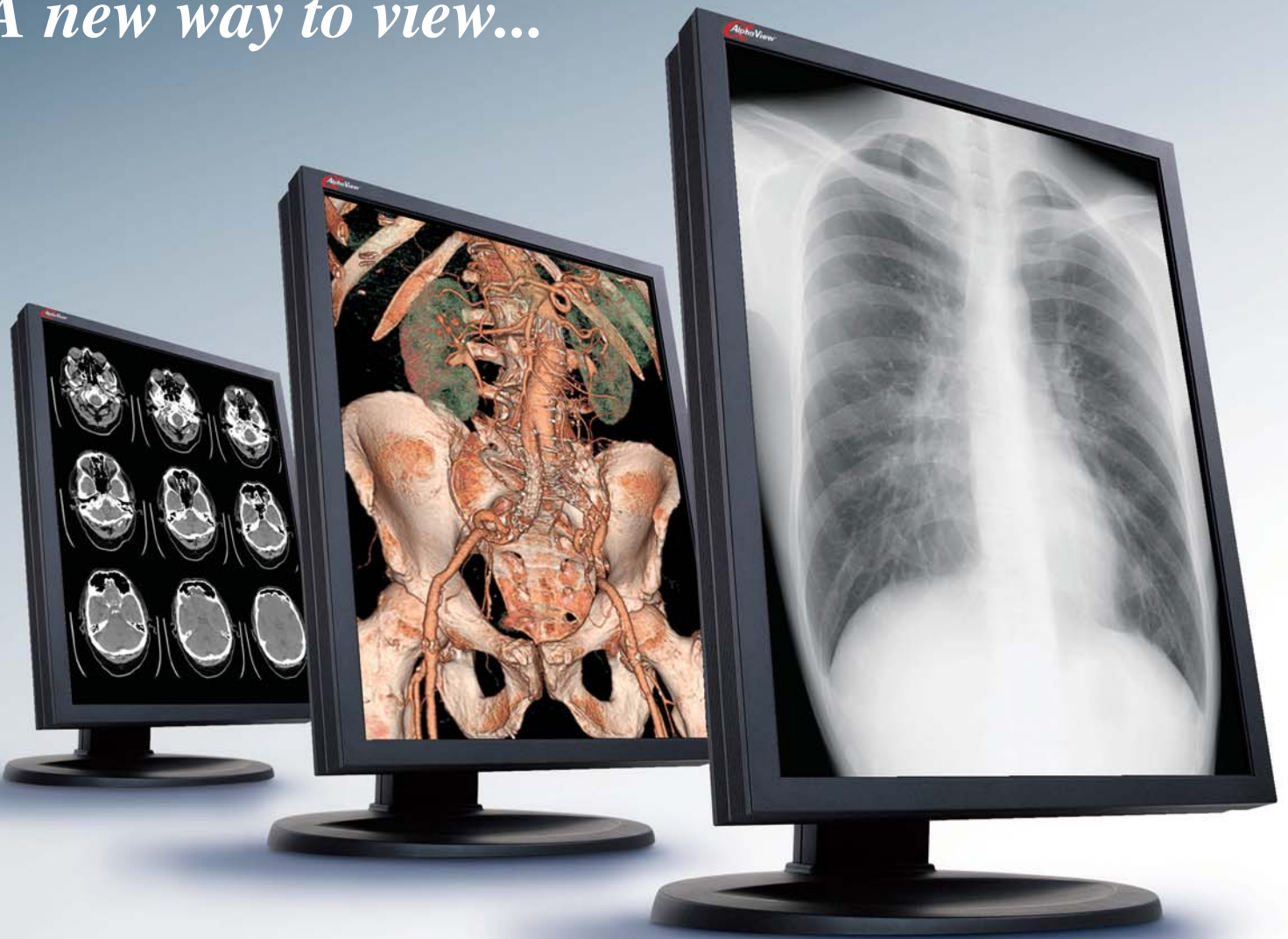


AlphaView™ LCD

A new way to view...



AlphaView LCD is a complete line medical imaging, diagnostic quality, DICOM-compliant display solutions. AlphaView LCDs are a highly cost-effective, full line of color and grayscale medical displays, with resolutions of 1.3, 2, 3, and 5 megapixels, featuring the best standard warranty available in the medical display market.

Grayscale

MM20



MM30



MM50



The AlphaView MM20 is a 2-megapixel grayscale monitor engineered specifically for medical diagnostic imaging.

Featuring an ultra-high luminance of 1200 cd/m², and an industry-leading five year warranty, the MM20 is the ideal diagnostic imaging display for CT and MR diagnostic applications in a PACS environment.

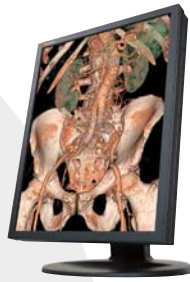
The AlphaView MM30 is a 3-megapixel LCD, the perfect choice for a DICOM-compliant grayscale diagnostic imaging display. With a maximum luminance of 900 cd/m², a narrow bezel, an 11.5-bit grayscale palette and a full 5-year warranty, the MM30 is ideally suited for CR, DR and plain film diagnostic applications in a PACS environment.

The ultra-high resolution AlphaView 5-megapixel MM50 grayscale display sets the standard for precise diagnostic image viewing. When the application demands the highest quality image and the reliability of a 5-year warranty, the AlphaView MM50 rises above the competition. Ideal for digital mammography, the MM50's slim bezel makes it perfect for multi-view environments.

MODEL	MM20	MM30	MM50
Size & Type	21.3" TFT Active Matrix	21.3" TFT Active Matrix	20.1" TFT Active Matrix
Display Size	17.0" (H) x 12.75" (V)	17.0" (H) x 12.75" (V)	15.7" (H) x 12.5" (V)
Brightness (Max)	1200 cd/m ²	900 cd/m ²	850 cd/m ²
Viewing Angle	170° Horizontal and Vertical	170° Horizontal and Vertical	170° Horizontal and Vertical
Pixel Pitch	0.27mm x 0.27mm	0.2115mm x 0.2115mm	0.156mm x 0.156mm
Contrast Ratio	700:1	700:1	600:1
Resolution			
Landscape	1600 x 1200	2048 x 1536	2560 x 2048
Portrait	1200 x 1600	1536 x 2048	2048 x 2560
Gradation Display	10-bit (1021) Grayscale (Built-in 11.5-bit LUT)	10-bit (1021) Grayscale (Built-in 11.5-bit LUT)	10-bit (1021) Grayscale (Built-in 11.5-bit LUT)
Calibration	Factory Calibrated for DICOM Compliance	Factory Calibrated for DICOM Compliance	Factory Calibrated for DICOM Compliance
Internal BLU Sensor	Built-in Sensor for Automatic Backlight Stabilization	Built-in Sensor for Automatic Backlight Stabilization	Built-in Sensor for Automatic Backlight Stabilization
Input Signal	DVI Standard 1.0	DVI Standard 1.0	DVI Standard 1.0
Serial Port	RS-232C	RS-232C	RS-232C
USB Hub	1 Up Stream, 2 Down Stream	1 Up Stream, 2 Down Stream	1 Up Stream, 2 Down Stream
User Control	OSD Control with Lock	OSD Control with Lock	OSD Control with Lock
Plug & Play	VESA DDC2B	VESA DDC2B	VESA DDC2B
Power AC Input	100-240VAC, 50/60HZ, Built-in SMPS	100-240VAC, 50/60HZ, Built-in SMPS	100-240VAC, 50/60HZ, Built-in SMPS
Power Consumption	60W	60W	70W
Power Saving Mode	Less than 2W	Less than 2W	Less than 2W
Regulatory Approvals	FDA510k, FCC Part 18, CE, CUL (UL 60601-1, CSA C22.2 No. 601-1), CE (EN60601-1), MDD	FDA510k, FCC Part 18, CE, CUL (UL 60601-1, CSA C22.2 No. 601-1), CE (EN60601-1), MDD	FDA510k, FCC Part 18, CE, CUL (UL 60601-1, CSA C22.2 No. 601-1), CE (EN60601-1), MDD
VESA Wall/Arm Mounting	VESA-standard, 100 x 100mm	VESA-standard, 100 x 100mm	VESA-standard, 100 x 100mm
Mechanical Function	Height/Tilt/Swivel/Pivot	Height/Tilt/Swivel/Pivot	Height/Tilt/Swivel/Pivot
Dimension (without stand)	18.5" (W) x 14.5" (H) x 3.5" (D)	18.5" (W) x 14.5" (H) x 3.5" (D)	17.25" (W) x 14.0" (H) x 3.8" (D)
Optional Item	Calibration Photosensor with Calibration Software, Network Calibration Software, Quality Assurance Software	Calibration Photosensor with Calibration Software, Network Calibration Software, Quality Assurance Software	Calibration Photosensor with Calibration Software, Network Calibration Software, Quality Assurance Software

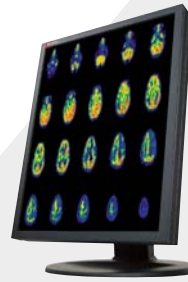
Color

MC20



The AlphaView MC20 2-megapixel color LCD display delivers high luminance (250 cd/m²), and a 16.7 million color palette. These features, plus a thin bezel and the security and reliability of a 5-year warranty, make the AlphaView MC20 display the perfect choice for any color modality or PACS application.

MC20H



The AlphaView 2-megapixel ultra-high luminance MC20H color LCD display offers a best-in-class luminance of 450 cd/m² and 16.7 million color palette. This DICOM-compliant, state-of-the-art color display produces vivid color images, has a narrow bezel for multi-view environments, and features the security and reliability of AlphaView's 5-year warranty. The AlphaView MC20H is the perfect choice for any color modality or PACS application.

MC30



The AlphaView MC30 is a high luminance (250 cd/m²), 3-megapixel medical-grade color LCD display. The choice of discriminating professionals, the MC30's high brightness and 16.7 million color palette, combined with a thin bezel and the reliability of a 5-year warranty, make the AlphaView MC30 color display the perfect choice for any color modality or PACS application.

MODEL	MC20	MC20H	MC30
Size & Type	21.3" a-Si TFT Active Matrix	21.3" a-Si TFT Active Matrix	21.3" a-Si TFT Active Matrix
Display Size	17.0" (H) x 12.75" (V)	17.0" (H) x 12.75" (V)	17.0" (H) x 12.75" (V)
Brightness (Max)	250 cd/m ²	450 cd/m ²	250cd/m ²
Viewing Angle	170° Horizontal and Vertical	170° Horizontal and Vertical	170° Horizontal and Vertical
Pixel Pitch	0.270mm x 0.270mm	0.270mm x 0.270mm	0.2115mm x 0.2115mm
Contrast Ratio	450:1	450:1	450:1
Resolution			
Landscape	1600 x 1200	1600 x 1200	2048 x 1536
Portrait	1200 x 1600	1200 x 1600	1536 x 2048
Color Depth	16.7M Colors	16.7M Colors	16.7M Colors
Calibration	Factory Calibrated for DICOM Compliance	Factory Calibrated for DICOM Compliance	Factory Calibrated for DICOM Compliance
Internal BLU Sensor	Built-in Sensor for Automatic Backlight Stabilization	Built-in Sensor for Automatic Backlight Stabilization	Built-in Sensor for Automatic Backlight Stabilization
Input Signal	RGB Analog, DVI Standard 1.0	RGB Analog, DVI Standard 1.0	DVI Standard 1.0
Serial Port	RS-232C	RS-232C	RS-232C
USB Hub	1 Up Stream, 2 Down Stream	1 Up Stream, 2 Down Stream	1 Up Stream, 2 Down Stream
User Control Method	OSD Control with Lock	OSD Control with Lock	OSD Control with Lock
Plug & Play	VESA DDC2B	VESA DDC2B	VESA DDC2B
Power AC Input	100-240VAC, 50/60HZ, Built-in SMPS	100-240VAC, 50/60HZ, Built-in SMPS	100-240VAC, 50/60HZ, Built-in SMPS
Power Consumption	70W	70W	70W
Power Saving Mode	Less than 2W	Less than 2W	Less than 2W
Regulatory Approvals	FCC class B, CE, CUL (UL 60601-1), CSA (22.2 No. 601-1), CE (EN60601-1, MDD	FCC class B, CE, CUL (UL 60601-1), CSA (22.2 No. 601-1), CE (EN60601-1, MDD	FCC class B,CE, CUL (UL 60601-1), CSA (22.2 No. 601-1), CE (EN60601-1, MDD
VESA Wall/Arm Mounting	VESA-standard, 100 x 100mm	VESA-standard, 100 x 100mm	VESA-standard, 100 x 100mm
Mechanical Function	Height/Tilt/Swivel/Pivot	Height/Tilt/Swivel/Pivot	Height/Tilt/Swivel/Pivot
Dimension (without stand)	18.5" (W) x 14.5" (H) x 3.5" (D)	18.5" (W) x 14.5" (H) x 3.5" (D)	18.5" (W) x 14.5" (H) x 3.5" (D)
Optional Item	Calibration Photosensor with Calibration Software, Network Calibration Software, Quality Assurance Software	Calibration Photosensor with Calibration Software, Network Calibration Software, Quality Assurance Software	Calibration Photosensor with Calibration Software, Network Calibration Software, Quality Assurance Software

About AlphaView™ LCD

AlphaView LCD is a complete line medical imaging, diagnostic quality, DICOM-compliant display solutions manufactured by Hee Young Co. LTD. (HYC). AlphaView LCDs are a highly cost-effective, full line of color and grayscale medical displays, with resolutions of 1.3, 2, 3, and 5 megapixels, featuring the best standard warranty available in the medical display market.

HYC, ISO 9001 Registered, is a subsidiary of Woo-Young Co. Ltd., the largest supplier of CCFL backlight (BLU) technology in the world. This technology is used not only for LCD illumination, but also for an innovative line of medical film illuminators marketed under the Lumimed brand. HYC utilizes this engineering and technology expertise in the design and manufacture of the world-class AlphaView medical imaging LCDs.

The engineering team at HYC has taken the patented backlight technology developed by parent Woo Young and incorporated this state-of-the-art technology into the AlphaView diagnostic LCD monitors. Continuing research into alternate backlight technologies such as EEFL (External Electrode Fluorescent Lamp) and LED (Light Emitting Diodes) currently being done by HYC, will lay the groundwork for the next generation of AlphaView products. Incorporation of these leading-edge technologies will be the catalyst to take the next generation of AlphaView products into the LCD displays of the future.

AlphaView has LCD display solutions for OEMs, VARs, System Integrators and Distributors throughout North America.



www.alphaviewlcd.com

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