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GENERAL

NEC

AccuSync™ LCD Series

Flat-panel monitors ideal for home users, small-to-medium businesses and educational settings



Up to 20" of value-driven style and performance

High-performance LCD monitors aren't just for larger-sized corporations anymore. As flat-panel display technology advances and becomes more mainstream, pricing continues to drop, making LCD monitors increasingly affordable for a variety of users. NEC AccuSync Series LCD monitors have set a new standard in value for this product category. In fact, with affordability akin to that of comparable CRT monitors, AccuSync Series LCD monitors offer you a perfect opportunity to take advantage of the many benefits offered by flat-panel monitors without having to break your budget. The 15" NEC AccuSync LCD51V, 17" NEC AccuSync LCD71V, 19" NEC AccuSync LCD9V and 20" NEC AccuSync LCD200VX deliver ideal visual display solutions to small-to-medium-sized businesses and educational environments, as well as general home users, whether you're creating presentations, surfing the Internet or playing your favorite video game. The 15" NEC AccuSync LCD51VM and 17" NEC AccuSync LCD71VM, which boast integrated, front-firing speakers, further expand your application possibilities with their high-quality multimedia capabilities.

Enhanced screen performance. With contrast ratios as high as 500:1 (typical) and brightness quality much higher than CRTs at 250 cd/m^2, LCD monitor front-of-screen visual performance is NEC-Mitsubishi's #1 goal. The AccuSync LCD Series delivers flicker-free images, vibrant colors and brightness that make your time in front of the monitor more comfortable and productive. NEC's Rapid Response™ technology provides for uninterrupted display of full-motion video with response times of 25ms or less. This remarkably quick motion makes these models better than ever for gaming and video applications such as presentations and streaming web video. With XtraView® wide-angle viewing technology, available with the AccuSync LCD9V and LCD200VX, you can enjoy flexible horizontal and vertical viewing angles. With both DVI-D and traditional 15-pin VGA connectors featured on the AccuSync LCD200VX, you can bridge the gap between analog and digital systems by allowing the same monitor to work seamlessly in either environment.

Intelligent power management ensures a smart investment. Using approximately 70% less power and emitting less heat than comparable CRT monitors, the AccuSync LCD Series allows you to conserve energy and lower your total cost of ownership.

Features and Benefits

Exceptional screen performance provides a more comfortable and productive visual experience with crisp, sharp and accurate text and images

Slim footprint liberates you and your desk (60% weight and space reductions compared to CRT monitors)

Low power consumption reduces electrical costs and lowers total cost of ownership

Rapid Response technology delivers virtually uninterrupted, undistorted viewing of high-speed, full-motion video

Cabinet color options of white or black allow coordination with systems, laptops or work environments (AccuSync LCD51V, LCD51VM, LCD71V, LCD9V and LCD200VX)

On Screen Manager (OSM®) puts you in complete control of your screen setting adjustments

Built-in, state-of-the-art multimedia capability provides quality sound (AccuSync LCD51VM and LCD71VM)

Height-adjustable stand adds flexibility and comfort to your viewing preferences (AccuSync LCD9V and LCD200VX)

Built-in power supply allows for easy mounting of the display

Wall/arm mounting capability adds flexibility and comfort, while freeing up valuable desktop space (using third-party product)

XtraView technology provides for some of the widest viewing angles available (AccuSync LCD9V and LCD200VX)

Adheres to ISO 13406-2 Class II requirements for quality screen performance

NEC-Mitsubishi's quality and reliability provide peace of mind with a 3-year limited parts and labor warranty (including backlight) and 24/7 customer service and technical support

SEE MORE.™

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NEC/MITSUBISHI
NEC-MITSUBISHI ELECTRONICS DISPLAY

NEC

AccuSync LCD Series Specifications

Model	AccuSync LCD51V	AccuSync LCD51VM	AccuSync LCD71V	AccuSync LCD71VM	AccuSync LCD9V	AccuSync LCD200VX
Display:						
Viewable Image Size	15"	15"	17"	17"	19"	20.1"
Pixel Pitch	0.297mm	0.297mm	0.264mm	0.264mm	0.294mm	0.255mm
Pixels Per Inch	86 @ native resolution	86 @ native resolution	96 @ native resolution	96 @ native resolution	86 @ native resolution	100 @ native resolution
Brightness (typical)	250 cd/m²	250 cd/m²	250 cd/m²	250 cd/m²	250 cd/m²	250 cd/m²
Contrast Ratio (typical)	400:1	400:1	400:1	400:1	500:1	400:1
Viewing Angle (typical)	100° Vert., 120° Hor. (40U/60D/60L/60R)	100° Vert., 120° Hor. (40U/60D/60L/60R)	120° Vert., 140° Hor. (60U/60D/70L/70R)	120° Vert., 140° Hor. (60U/60D/70L/70R)	170° Vert., 170° Hor. (85U/85D/85L/85R)	160° Vert., 160° Hor. (80U/80D/80L/80R)
Response Time (typical)	Rapid Response (25ms)	Rapid Response (25ms)	Rapid Response (16ms)	Rapid Response (16ms)	Rapid Response (25ms)	Rapid Response (16ms)
Display Colors	More than 16 million	More than 16 million	More than 16 million	More than 16 million	More than 16 million	More than 16 million
Synchronization Range:						
Horizontal	31.5-60 kHz	31.5-60 kHz	31.5-81 kHz	31.5-81 kHz	31.5-81 kHz	31.5-91.1 kHz
Vertical	56-75 Hz	56-75 Hz	56-75 Hz	56-75 Hz	56-75 Hz	56-85 Hz
Input Signal:						
Video	Analog 0.7 Vp-p /75 Ohms	Analog 0.7 Vp-p /75 Ohms	Analog 0.7 Vp-p /75 Ohms	Analog 0.7 Vp-p /75 Ohms	Analog 0.7 Vp-p /75 Ohms	Analog 0.7 Vp-p / 75 Ohms
Sync	Separate Sync: TTL Level (positive/negative)	Separate Sync: TTL Level (positive/negative)	Separate Sync: TTL Level (positive/negative)	Separate Sync: TTL Level (positive/negative)	Separate Sync: TTL Level (positive/negative)	Separate Sync: TTL Level (positive/negative) Composite Sync: TTL Level (positive/negative) Composite Sync on Green (0.3 Vp-p negative 0.7 Vp-p positive)
Input	15-pin D-sub	15-pin D-sub	15-pin D-sub	15-pin D-sub	15-pin D-sub	DVI-D and VGA 15-pin D-sub
Resolutions Supported	720 x 400 @ 70 Hz 640 x 480 @ 60-75 Hz 800 x 600 @ 56-75 Hz 832 x 624 @ 75 Hz 1024 x 768 @ 60-75 Hz	720 x 400 @ 70 Hz 640 x 480 @ 60-75 Hz 800 x 600 @ 56-75 Hz 832 x 624 @ 75 Hz 1024 x 768 @ 60-75 Hz	720 x 400 @ 70 Hz 640 x 480 @ 60-75 Hz 800 x 600 @ 56-75 Hz 832 x 624 @ 75 Hz 1024 x 768 @ 60-75 Hz 1152 x 864 @ 75 Hz 1152 x 870 @ 75 Hz 1280 x 1024 @ 60-75 Hz 1280 x 960 @ 60-75 Hz	720 x 400 @ 70 Hz 640 x 480 @ 60-75 Hz 800 x 600 @ 56-75 Hz 832 x 624 @ 75 Hz 1024 x 768 @ 60-75 Hz 1152 x 864 @ 70-75 Hz 1152 x 870 @ 75 Hz 1280 x 1024 @ 60-75 Hz 1280 x 960 @ 60-75 Hz	720 x 400 @ 70 Hz 640 x 480 @ 60-75 Hz 800 x 600 @ 56-75 Hz 832 x 624 @ 75 Hz 1024 x 768 @ 60-75 Hz 1152 x 864 @ 75 Hz 1280 x 1024 @ 60-75 Hz 1280 x 960 @ 60 Hz	Analog/Digital 720 x 350 @ 70-85 Hz 720 x 400 @ 70-85 Hz 640 x 480 @ 60-85 Hz 800 x 600 @ 56-85 Hz 832 x 624 @ 75 Hz 1024 x 768 @ 60-85 Hz 1152 x 864 @ 70-85 Hz 1152 x 870 @ 75 Hz 1152 x 900 @ 66 Hz 1280 x 960 @ 60-85 Hz 1280 x 1024 @ 60-85 Hz 1600 x 1200 @ 60 Hz
Native Resolution	1024 x 768 @ 75 Hz	1024 x 768 @ 75 Hz	1280 x 1024 @ 60 Hz	1280 x 1024 @ 60 Hz	1280 x 1024 @ 60 Hz	1600 x 1200 @ 60 Hz
Additional Features	Digital smoothing, digital controls, user (OSM) controls, Plug and Play (VESA DDC & 2Bi), AccuColor color control, DDC/CI, VESA DPMS power management, ISO 13406-2 Class II, cable management	Bezel-integrated speakers, digital smoothing, digital controls, user (OSM) controls, Plug and Play (VESA DDC2B & 2Bi), AccuColor color control, DDC/CI, VESA DPMS power management, ISO 13406-2 Class II, cable management	Digital smoothing, digital controls, user (OSM) controls,Plug and Play (VESA DDC & 2Bi), AccuColor color control, DDC/CI, VESA DPMS power management, ISO 13406-2 Class II, cable management	Bezel-integrated speakers, digital smoothing, digital controls, user (OSM) controls, Plug and Play (VESA DDC2B & 2Bi), AccuColor color control, DDC/CI, VESA DPMS power management, ISO 13406-2 Class II, cable management	XtraView wide-angle viewing, height-adjustable stand, user (OSM) controls,Plug and Play (VESA DDC2B), VESA DPMS power management, ISO 13406-2 Class II	XtraView wide-angle viewing, No Touch Auto Adjust, 3rd party touchscreen and protective glass integration, NaViSet software, digital smoothing, digital controls, color control (4-mode memory + sRGB + NATIVE), user (OSM) controls,Plug and Play (VESA DDC2B/DDC/CI), VESA DPMS power management, cable management, ISO 13406-2 Class II, vacation switch, internal power supply, swivel at stand base, Sync on Green, height-adjustable stand
Touch-Capable	No	No	No	No	No	Designed for integration
Voltage Rating	100-240V @ 50/60 Hz	100-240V @ 50/60 Hz	100-240V @ 50/60Hz	100-240V @ 50/60 Hz	100-240V @ 50/60Hz	100-120/220-240V @ 50/60Hz
Power Consumption (typical):						
On	20W	24W	36W	36W	40W	52W
Power Savings Mode	<3W	<3W	<3W	<3W	<3W	2W
Dimensions (W x H x D):						
Net (with stand)	13.7 x 13.5 x 7.2 in. / 347.4 x 341.9 x 183.5mm	13.7 x 13.5 x 7.2 in. / 347.4 x 341.9 x 183.5mm	14.9 x 15.1 x 7.6 in. / 379 x 383 x 193mm	14.9 x 15.1 x 7.6 in. / 379 x 383 x 193mm	16.5 x 16.4-21.1 x 9.1 in. / 418 x 417-537 x 230.5mm	17.5 x 15.4-18.2 x 8.4 in. / 445 x 391.3-461.7 x 213.6mm
Net (without stand)	13.7 x 11.7 x 2.1 in. / 347.4 x 296.2 x 53.9mm	13.7 x 11.7 x 2.1 in. / 347.4 x 296.2 x 53.9mm	14.9 x 13.4 x 2.5 in. / 379 x 340 x 64mm	14.9 x 13.4 x 2.5 in. / 379 x 340 x 64mm	16.5 x 14.4 x 2.6 in. / 418 x 367 x 67mm	17.5 x 14.3 x 3.1 in. / 445 x 363 x 78.5mm
Weight						
Net (with stand)	6.6 lbs. / 3 kg	6.6 lbs. / 3 kg	10.1 lbs. / 4.6 kg	10.1 lbs. / 4.6 kg	16.1 lbs. / 7.3 kg	20.7 lbs. / 9.4 kg
Net (without stand)	6 lbs. / 2.7 kg	6 lbs. / 2.7 kg	8.8 lbs. / 4 kg	8.8 lbs. / 4 kg	10.8 lbs. / 4.9 kg	15.2 lbs. / 6.9 kg
VESA Hole Configuration Specifications	75 x 75mm	75 x 75mm	100 x 100mm	100 x 100mm	100 x 100mm	100 x 100mm
Environmental Conditions:						
Operating Temperature	5-35°C / 41-95°F	5-35°C / 41-95°F	5-35°C / 41-95°F	5-35°C / 41-95°F	5-35°C / 41-95°F	5-35°C / 41-95°F
Operating Humidity	30-80%	30-80%	30-80%	30-80%	30-80%	30-80%
Operating Altitude	3048m / 10,000 ft.	3658m / 12,000 ft.	3048m / 10,000 ft.	3048m / 10,000 ft.	3048m / 10,000 ft.	3658m / 12,000 ft.
Storage Temperature	-10-60°C / 14-140°F	-10-60°C / 14-140°F	-10-60°C / 14-140°F	-10-60°C / 14-140°F	-10-60°C / 14-140°F	-10-60°C / 14-140°F
Storage Humidity	10-85%	10-85%	10-85%	10-85%	10-85%	10-85%
Storage Altitude	9144m / 30,000 ft.	12,192m / 40,000 ft.	9144m / 30,000 ft.	12,192m / 40,000 ft.	9144m / 30,000 ft.	12,192m / 40,000 ft.
Limited Warranty	3 years parts and labor, including backlight	3 years parts and labor, including backlight	3 years parts and labor, including backlight	3 years parts and labor, including backlight	3 years parts and labor, including backlight	3 years parts and labor, including backlight
Technical Support	24 hours / 7 days	24 hours / 7 days	24 hours/7 days	24 hours / 7 days	24 hours/7 days	24 hours/7 days

NOTE: Technical specifications are subject to change without notice.

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