

# RX-Series LCD Display 55" | 42" | 32"

## Raise the Bar for Security



With its specialised gamma selection, the enhanced RX-Series renders images of the highest quality even under unfavourable lighting conditions. The RX-Series is built to last and perform in 24/7 security and surveillance environments. Its durability is enhanced by AG Neovo's Anti-Burn-in™ technology, which prevents ghosting while performing nonstop mission-critical operations; NeoV™ Optical Glass and metal casing shield it from scratches or other damages.

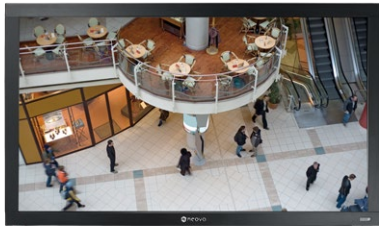


RX-32E

RX-55E / RX-42E

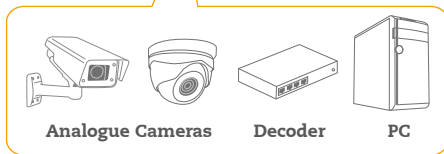


RX-55E / RX-42E RX-32E



### Enhanced Gamma Selection

Selectable gamma curves visually optimise different kinds of images. The AG Neovo specialised image settings enhance colour, brightness, sharpness and contrast ratio, allowing the RX-Series to improve the light, shadows and colour balance of videos.



### Smart Power Management

Power management is an important consideration for 24/7 applications to ensure a long product life and extended use. The RX-Series designed an energy saving EcoSmart Sensor, so the display can automatically adjust its brightness according to the external environment.



### Features

- Full HD 1920 x 1080 resolution
- Anti-Burn-in™ technology prevents image ghosting
- NeoV™ Optical Glass and metal housing for excellent cleanliness and protection
- Image enhancer: 3D Comb Filter / Deinterlace / Noise Reduction
- Adjustable image settings via analogue inputs
- Versatile connectivity: DisplayPort, HDMI, DVI, VGA, Component/Composite
- Built-in USB media player for simple signage content delivery
- An integrated scheduler allows content programming based on time and day
- DMR function: play media shared over a local network
- DisplayPort, HDMI, DVI, VGA, BNC, RS232, IR daisy chain support
- RJ45, RS232, IR device control support

### Industry-leading Reliability

The RX-Series is specially designed to transcend the challenge of enduring 24/7 operations. AG Neovo's Anti-Burn-in™ technology also prevents image ghosting while performing nonstop mission-critical operations. Its metal casing and NeoV™ Optical Glass not only protect the RX-Series from damage but also keep maintenance easy.



Others



AG Neovo RX-Series

### Flexible Integration

The RX-Series is equipped with VGA, DVI, HDMI & DisplayPort 1.2 inputs for analogue and digital signal support respectively. It also has composite (BNC) inputs/ outputs for video looping of surveillance cameras signals and DVRs.



### PID Command & Ctrl Software

PID Command & Ctrl is a software that allows users to control AG Neovo displays via LAN or RS232 connections. It provides a simple and intuitive interface for remote management, OSD-related settings, and easy control on deployed displays. It also can be used to create video walls within minutes and assist system integrators with setting up displays.

- Native tiling support for easy video wall setup (up to 10 x 10)
- EcoSmart Sensor automatically adjusts brightness level according to ambient lighting conditions
- HeatControl Sensors automatically activate the internal cooling fans when temperature rises (42" and 55" only)
- OPS slot ready for easy media player / IPC integration (42" and 55" only)
- Selectable gamma curves optimise different kinds of images
- Flexible display orientation: Landscape/Portrait
- Designed and developed for continuous 24/7 operation
- Premium-grade panel for high reliability and long product lifetime
- Built-in speakers



## Specifications

		<b>RX-55E</b>	<b>RX-42E</b>
<b>Panel</b>	Panel Type Panel Size Max. Resolution Pixel Pitch Brightness Contrast Ratio Viewing Angle (H/V) Display Colour Response Time Surface Treatment	LED-Backlit TFT LCD (IPS Technology) 54.6" FHD 1920 x 1080 0.630 mm 700 cd/m <sup>2</sup> 1300 : 1 178°/178° 1.07B 5 ms Anti-Glare Treatment (Haze 10%), 3H Hard Coating	LED-Backlit TFT LCD (IPS Technology) 41.9" FHD 1920 x 1080 0.483 mm 700 cd/m <sup>2</sup> 1300:1 178°/178° 1.07B 5 ms Anti-Glare Treatment (Haze 10%), 3H Hard Coating
<b>Frequency (H/V)</b>	H Freq. V Freq.	31 kHz-92 kHz 48 Hz-85 Hz	31 kHz-92 kHz 48 Hz-85 Hz
<b>Input</b>	DisplayPort HDMI DVI VGA Component Composite	1.2 x 1 1.4 x 2 24-Pin DVI-D x 1 15-Pin D-Sub x 1 BNC x 1 BNC x 1 (Share with Component-Y)	1.2 x 1 1.4 x 2 24-Pin DVI-D x 1 15-Pin D-Sub x 1 BNC x 1 BNC x 1 (Share with Component-Y)
<b>Output</b>	DisplayPort VGA/DVI/HDMI Composite	1.2 x 1 29-Pin DVI-I x 1 BNC x 1	1.2 x 1 29-Pin DVI-I x 1 BNC x 1
<b>External Control</b>	IR in/out RS232 in/out LAN (RJ45)	3.5 mm Phone Jack 2.5 mm Phone Jack Yes	3.5 mm Phone Jack 2.5 mm Phone Jack Yes
<b>Other Connectivity</b>	USB OPS Slot	2.0 x 1 (Service Port / Media Playback) Yes	2.0 x 1 (Service Port / Media Playback) Yes
<b>Audio</b>	Audio In  Audio Out Internal Speakers	Stereo Audio Jack (3.5 mm) Stereo Audio Jack (RCA) Stereo Audio Jack (3.5 mm) 10W x 2	Stereo Audio Jack (3.5 mm) Stereo Audio Jack (RCA) Stereo Audio Jack (3.5 mm) 10W x 2
<b>Power</b>	Power Supply Power Requirements On Mode Stand-by Mode Off Mode	Internal AC 100-240V, 50/60 Hz 140W (On) < 0.5W < 0.5W	Internal AC 100-240V, 50/60 Hz 94W (On) < 0.5W < 0.5W
<b>NeoV™ Optical Glass</b>	Thickness Reflection Rate Transmission Rate Hardness	4.0 mm (0.16") < 1% > 97% > 9H	4.0 mm (0.16") < 1% > 97% > 9H
<b>Operating Conditions</b>	Temperature Humidity	0°C-40°C (32°F-104°F) 20%-80% (non-condensing)	0°C-40°C (32°F-104°F) 20%-80% (non-condensing)
<b>Storage Conditions</b>	Temperature Humidity	-20°C-60°C (-4°F-140°F) 5%-90% (non-condensing)	-20°C-60°C (-4°F-140°F) 5%-90% (non-condensing)
<b>Mounting</b>	VESA FPMPMI	Yes (400 x 400 mm)	Yes (200 x 200 mm)
<b>Security</b>	Kensington Security Slot	Yes	Yes
<b>Dimensions</b>	w/o Base (W x H x D) Packaging (W x H x D)	1268.8 x 739.6 x 83.0 mm (50.0" x 29.1" x 3.3") 1475.0 x 936.0 x 223.0 mm (58.1" x 36.9" x 8.8")	987.2 x 581.2 x 83.0 mm (38.9" x 22.9" x 3.3") 1161.0 x 759.0 x 203.0 mm (45.7" x 29.9" x 8.0")
<b>Weight</b>	w/o Base Packaging	37.0 kg (81.6 lb) 43.7 kg (96.3 lb)	23.1 kg (50.9 lb) 27.1 kg (59.7 lb)
<b>Regulation Approval</b>	Certification & Compliance	FCC, CE, WEEE, RoHS, REACH, LVD, EAC, BSMI	FCC, CE, WEEE, RoHS, REACH, LVD, EAC
<b>Accessories</b>	Supplied	Power Cord, RS232 Cable, Remote Control, Batteries, RS232 Daisy Chain Cable, Quick Start Guide	Power Cord, RS232 Cable, Remote Control, Batteries, RS232 Daisy Chain Cable, Quick Start Guide
<b>Optional Accessories</b>		Video Wall Mounts: VWM-01, VWM-02 Stand: STD-04 Ceiling Mount (Landscape only): CMP-01 + LMK-01 Wall Mounts (Landscape only): LMK-01, LMK-03 Floor Mounts (Landscape only): FMC-03 + LMK-04, FMC-04 + LMK-04	Floor Mounts: FMS-01, FMS-02, FMC-02 Video Wall Mounts: VWM-01, VWM-02 Stand: STD-04 Ceiling Mounts (Landscape only): CMP-01 + LMK-01, CMP-01 + LMK-02, CMP-01 + WMK-03 Wall Mounts (Landscape only): WMA-01, LMK-01, LMK-02, LMK-03, WMK-03



## Specifications

## RX-32E

Panel	Panel Type	LED-Backlit TFT LCD (VA Technology)	
	Panel Size	31.5"	
Panel	Max. Resolution	FHD 1920 x 1080	
	Pixel Pitch	0.364 mm	
	Brightness	500 cd/m <sup>2</sup>	
	Contrast Ratio	3000:1	
	Viewing Angle (H/V)	178°/178°	
	Display Colour	16.7M	
	Response Time	5 ms	
	Surface Treatment	Anti-Glare Treatment (Haze 2%), 3H Hard Coating	
	Frequency (H/V)	H Freq.	31 kHz-92 kHz
		V Freq.	48 Hz-85 Hz
Input	DisplayPort	1.2 x 1	
	HDMI	1.4 x 2	
	DVI	24-Pin DVI-D x 1	
	VGA	15-Pin D-Sub x 1	
	Component	BNC x 1	
	Composite	BNC x 1 (Share with Component-Y)	
Output	DisplayPort	1.2 x 1	
	VGA/DVI/HDMI	29-Pin DVI-I x 1	
	Composite	BNC x 1	
External Control	IR in/out	3.5 mm Phone Jack	
	RS232 in/out	2.5 mm Phone Jack	
	LAN (RJ45)	Yes	
Other Connectivity	USB	2.0 x 1 (Service Port / Media Playback)	
Audio	Audio In	Stereo Audio Jack (3.5 mm)	
	Audio Out	Stereo Audio Jack (RCA)	
	Internal Speakers	Stereo Audio Jack (3.5 mm) 10W x 2	
Power	Power Supply	Internal	
	Power Requirements	AC 100-240V, 50/60 Hz	
	On Mode	65W (On)	
	Stand-by Mode	< 0.5W	
NeoV™ Optical Glass	Off Mode	< 0.5W	
	Thickness	4.0 mm (0.16")	
	Reflection Rate	< 1%	
	Transmission Rate	> 97%	
Operating Conditions	Hardness	> 9H	
	Temperature	0°C-40°C (32°F-104°F)	
	Humidity	20%-80% (non-condensing)	
Storage Conditions	Temperature	-20°C-60°C (-4°F-140°F)	
	Humidity	5%-90% (non-condensing)	
Mounting	VESA FPM/PMI	Yes (400 x 200 mm)	
Security	Kensington Security Slot	Yes	
Dimensions	w/o Base (W x H x D)	757.6 x 452.0 x 75.1 mm (29.8" x 17.8" x 3.0")	
	Packaging (W x H x D)	892.0 x 600.0 x 185.0 mm (35.1" x 23.6" x 7.3")	
Weight	w/o Base	15.0 kg (33.1 lb)	
	Packaging	17.6 kg (38.8 lb)	
Regulation Approval	Certification & Compliance	FCC, CE, WEEE, RoHS, REACH, LVD, EAC, BSMI	
Accessories	Supplied	Power Cord, RS232 Cable, Remote Control, Batteries, RS232 Daisy Chain Cable, Quick Start Guide	
Optional Accessories		Floor Mounts: FMS-01, FMS-02, FMC-02 Stand: STD-09 Ceiling Mount (Landscape only): CMP-01 + LMK-02 Wall Mounts (Landscape only): LMA-01, LMK-02	