

# **RX-24 Widescreen LED-Backlit Display**

## Product Introduction

Date: January 01, 2013

Version: 3.0



## RX-Series

### Surveillance Performance

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The RX-Series brings widescreen surveillance performance to displays designed for the most modern security environments

# Market Position

## RX-24

Built on an LED-backlit panel delivering 1920 x 1080 Full HD resolution, the RX-24 presents life-like contrast, colours and nuances on its Advanced Image Platform™ (AIP). Its Smart Omni Viewer offers such options as Picture-in-Picture (PIP) and selectable aspect ratios. Features include Anti-Burn-in™ and EcoSmart Sensor ensure the mission-critical 24/7 round-the-clock operations. With NeoV™ Optical Glass backed by metal casing, this sturdy display delivers the performance expected of a high-end security display.



# Selling Points

## RX-24 Overview

- LED-backlit technology with high FHD 1920 x 1080 resolution
- NeoV™ Optical Glass
- Anti-Burn-in™ technology
- AIP technology: PIP and PBP functions; 3D Comb Filter/Deinterlace/Noise Reduction; Image rotation function
- Horizontal resolution up to 620TVL(NTSC), 625TVL(PAL)
- Quick signal-switching time ( ≤ 0.8 sec.)
- Selectable aspect ratio for ultimate image
- EcoSmart Sensor for low watt power consumption
- Black-level alignment
- Versatile inputs: VGA, DVI, HDMI, S-Video, CVBS (BNC x 2), Audio in/out
- Built-in speakers(2W x2)
- BNC video out passive looping
- Power DC-out design to power connected peripherals
- Durable metal housing
- Rigorous screening of the components for mission-critical 24/7 applications



NeoV™ Optical Glass - The most trusted hard glass protection available. Only on AG Neovo displays.



## Product Features (page 1)

RX-24 incorporates the latest premium-grade LED-backlit panel and image processing engine & innovations for an utmost intensified contrast, colour and details, vivid skin tones, enhanced depth of field perception



Full HD

LED 

### Full HD and Environmental Friendly LED-backlit technology

Featuring Full HD 1920 x 1080 resolution and LED backlights, the RX-24 offers excellent power efficiency and superb image clarity with uncompromised productivity, designed perfectly for any professional and multi-user public places. With worldwide attention of carbon reduction and energy saving, the RX-24 features LED backlights not only protect the environments but also save the electricity bills.

# Product Features (page 2)

## RX-24 incorporates the latest image processing engine & innovations



### Advanced Image Platform™:

> Built-in Image Enhancer

> Smart Omni Viewer

Solutions for optimised image quality and flexible image viewer options. Featuring Built-in Image Enhancer and Smart Omni Viewer, AG Neovo's cutting-edge image processing technology is incorporated into the displays to fulfill the demand of security and surveillance environments

## Superb Colour Reproduction, Excellent Gray Scaling in Dark Scenes

Intensified contrast, colour and details, vivid skin tone, enhanced depth of field perception, accurate and independent colour control with automatic colour calibration. A combination of excellent black levels and great dark matter detailing within gray scales that create a superb picture for the human eye



Built-in Image Enhancer, offering abundant clarity to even the most demanding professional environments



AG Neovo



Others

# Product Features (page 3)

Classic modern outlook with sophisticated improvement

## NeoV™ Optical Glass Benefits

Designed specifically to protect displays in multi-user and public environments, NeoV™ Optical Glass is the industry's most trusted hard glass technology



## Distinctive Metal Housing for Added Strength

RX-Series' metal housing design enhances the strength of monitor for impact proof and product durability



## Optimised for public viewing: Large Size Thin-bezel Display



Attractive 1.4 cm aluminum slim bezel aluminum slim bezel design makes a pleasant addition to any intended environment

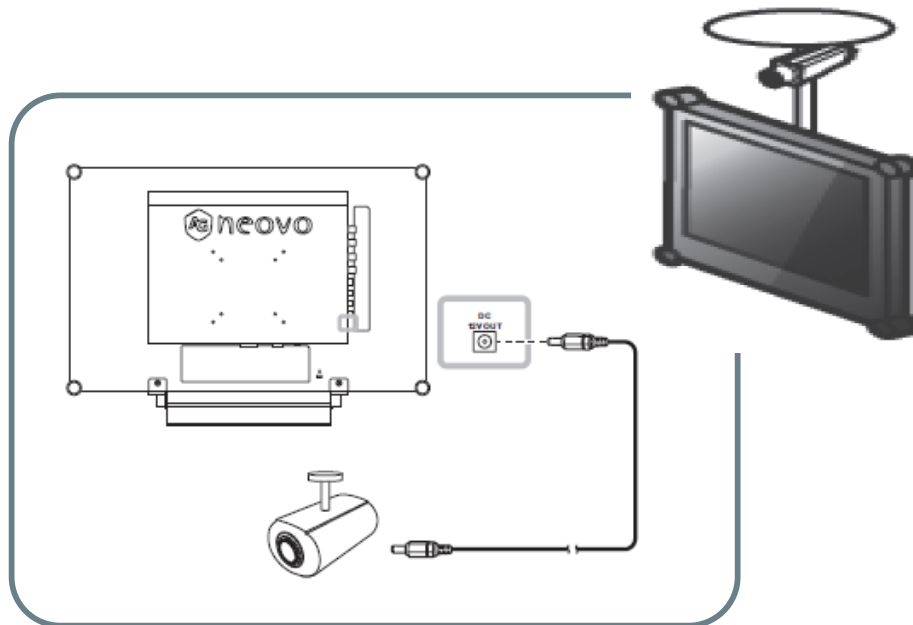
NeoV™ Optical Glass design and durable metal casing for secure mounting, rapid heat dissipation and unique industrial look

## Power DC-out Design

To enjoy more hassle-free installation, RX-24 offers users the power DC-out design to power connected security peripherals, such as CCTV camera

## Passive Looping

Passive looping automatically terminates any malfunctioning display within the daisy chain system, allowing other displays to continually receive quality feeds without disruption.



Extra protection of cutting off power automatically to avoid the connected device exceeding the power current

**!** Attention: ensure that the device you are connecting to conforms to the specifications before making any connections.



# Product Features (page 5)

## Wear-resistant Touch Sensor

Unlike mechanical buttons prone to wear and tear from heat and moisture, RX-24's touch sensor design to ensure longer product life

## Integrated Multimedia Speakers

Two built-in stereo speakers provide an instant and enhanced audio-visual experience

## Built-in HDMI for High Definition Connectivity

Inbuilt HDMI input allows high digital image quality and superb colour consistency, making the RX-24 flexible to be paired with Full HD multimedia devices

## VESA Mount (75x75 & 100x100)

In addition to 100 x 100 option, provides an extra 75 x 75 option to allow more installation flexibilities



- Vandal-resistant touch sensor button to strength product durability

## Special Feature

# Anti-Burn-in™ Technology

AG Neovo's Anti-Burn-in™ technology effectively prevents the burn-in ghost images and allow the display to be viewed continuously without any fear of noticeable effects on the real-time images at even the most demanding work place.



## Advantages of Anti-Burn-in™ technology:

- Secure Your Investment
- Built to Last
- Flexibility to Turn On / Off

## Programmable Anti-Burn-in™

Furthermore, the RX-Series gives extra advanced programmable capability to adjust the settings at user's preference



The indication "ANTI-BURN-IN ON" will be shown for 5 seconds on the central of the TFT LCD displays when Anti-Burn-in™ starts running

## Special Feature

# Advanced Energy Efficient Design



Comply with CE  
(EuP new  
standard in 2013)



A pioneer and paradigm in energy efficiency (less than 0.5W at stand-by mode \* remark 1), the RX-24's advanced eco-friendly designs help not only conserve the environment but also lower the total cost of ownership.

## EcoSmart Sensor

As is most fitting and crucial to round-the-clock operation, the EcoSmart Sensor optimises energy efficiency by automatically adjusting brightness in accordance with ambient luminance.

Light environment  
(brightness increased)



Dark environment  
(Brightness reduced)



## Special Feature

# Ultra-low Power Consumption

## < 27 W Power Consumption

The eco-friendly design significantly lowers the power consumption to maximise the cost savings for the best operating 24 hours a day, 7 days a week security environments demand

For example, a security project with an installation of 100 RX-24 displays used for 24/7, 365 days for three years, it can be expected to save<sup>1</sup>:

- ▶ Save **60,444 kWh** of electricity
- ▶ Save **€7,731**
- ▶ Save **38,442 kg** of CO<sub>2</sub><sup>2</sup>

<sup>1</sup>The electricity rate is calculated with an average rate of EMEA.

<sup>2</sup>The production of one kWh from the electricity network gives rise to 1.39 lbs of CO<sub>2</sub> ( or 0.636 kg of CO<sub>2</sub> )

**You are about to save 2,023 Trees!**

### Win

	Green RX-24	Other 24"
Power Consumption of each (W)	27	50
100 units of electricity used in 3 years (kWh)	70,956	131,400
Choosing RX-24, you save		<b>60,444</b> kWh of electricity
100 units of electricity cost in 3 years	EUR € 9,075	EUR € 16,806
Choosing RX-24, you save EUR €		<b>7,731</b>
CO2 emitted in 3 years (kg)	45,128	83,570
Choosing RX-24, you save		<b>38,442</b> kg of CO <sub>2</sub>
<b>You are about to save</b>		<b>2,023</b> Trees!

Remark: A standard CCFL-backlit LCD monitor with a power consumption of 50W is compared with the RX-24.

# Product Pictures (page 1)

## Front / Angle View



# Product Pictures (page 2)

## Rear / Angle View



# Product Pictures (page 3)

## Rear / Angle View



# Product Pictures (page 4)

## Rear / Angle View





# Product Pictures (page 5)

## Function and Feature Highlights

VESA Mounting Standard

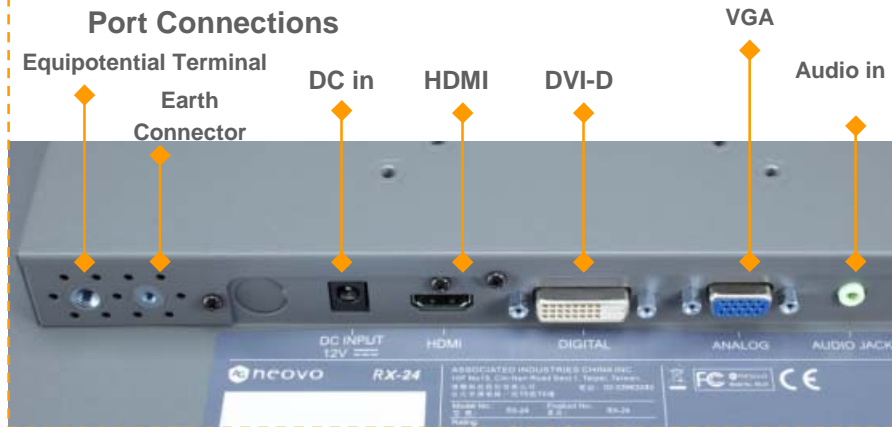


Kensington® Security Socket



- ◆ S-Video
- ◆ CVBS 1 IN
- ◆ CVBS 1 OUT
- ◆ CVBS 2 IN
- ◆ CVBS 2 OUT
- ◆ Audio In/L
- ◆ Audio In/R
- ◆ Audio OUT/L
- ◆ Audio OUT/R
- ◆ Power DC-out

Port Connections



# Product Pictures (page 6)

## Function and Feature Highlights



# Accessories

Wall Mount Solutions

Wall Mount Kit



WMK-01



WMK-03

Pivot Mounting Kit



PMK-01

Wall Mount Arm



WMA-01

Display Stand, Arm & Others

Height Adjustable Stand



ES-02

Multi-Display Stand



DMS-01D



DMS-01Q

Multi-Display Clamp



DMC-02D

Interactive Arm



DMC-01

Ceiling Mounting Kit



CMP-01 + WMK-03



## Thank You

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