# RX-32E LED-backlit Display

## Raise the Bar for Security

NeoV OPTICAL GLASS | METAL CASING | Anti-Burn-in™ | ON DUTY 24/7 | VESA | Eco | Gamma



With its specialised gamma selection, the enhanced RX-32E renders images of the highest quality even under unfavourable lighting conditions. RX-32E 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.

## Industry-leading Reliability

The RX-32E 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-32E from damage but also keep maintenance easy.
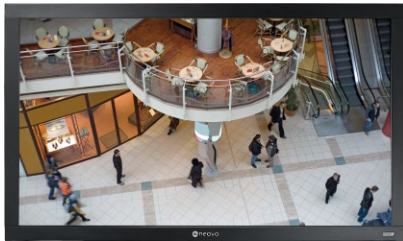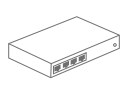
## Enhanced Gamma Selection

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-32E to improve the light, shadows and colour balance of videos.

**Others**          **AG Neovo RX-32E**

## Flexible Integration

The RX-32E 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.

**Analogue Cameras**     **Decoder**     **PC**
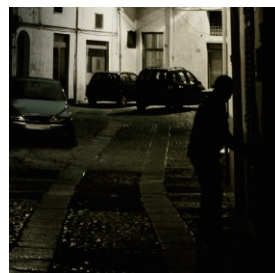
## Smart Power Management

Power management is an important consideration for 24/7 applications to ensure a long product life and extended use. RX-32E 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 cleanability and protection
- 500 nits high brightness panel offers clear images in bright ambient light areas
- VA Panel technology ensures accurate colours and offers high contrast ratios with wide viewing angles
- 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
- Native tiling support for easy video wall setup (up to 10 x 10)
- EcoSmart Sensor automatically adjusts brightness level according to ambient lighting conditions
- 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 RX-32E

| | | |
|---|---|---|
| **Panel** | Panel Type | LED-Backlit TFT LCD (VA Technology) |
| | Panel Size | 31.5" |
| | Max. Resolution | FHD 1920 x 1080 |
| | Pixel Pitch | 0.364 mm |
| | Brightness | 500 cd/m$^2$ |
| | Contrast Ratio | 3000:1 |
| | Viewing Angle (H/V) | 178°/178° |
| | Disply Colour | 16.7M |
| | Response Time | 5 ms |
| **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) x 1 Stereo Audio Jack (RCA) x 1 |
| | Audio Out | Stereo Audio Jack (3.5 mm) x 1 |
| | Internal Speakers | 10W x 2 |
| **Power** | Power Supply | Internal |
| | Power Requirements | AC 100-240V, 50/60 Hz |
| | On Mode | 65W (On) |
| | Stand-by Mode | < 0.5W |
| | Off Mode | < 0.5W |
| **NeoV™ Optical Glass** | Thickness | 4.0 mm (0.16") |
| | Reflection Rate | < 1% |
| | Transmission Rate | > 97% |
| | Hardness | > 9H |
| **Operating Conditions** | 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 FPMPMI | 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 |
| **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 |

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