

PD-Series LCD Display 43" | 55" | 65"



Reliable and Durable 4K Professional Displays for Digital Signage and Control Rooms

The new PD-Series is a premium professional display featuring 4K resolution and 700 nits brightness used in airport terminals, control rooms, and shopping malls. It integrates different input sources, including an embedded USB playback, various I/O ports, and SDM slot. The PD-Series provides more value-added features, including Neovo Controller, a software for remote management of displays via mobile devices, and patented Anti-Burn-in™ technology to prevent image burn-in when static content runs for a long time.



PD-65Q

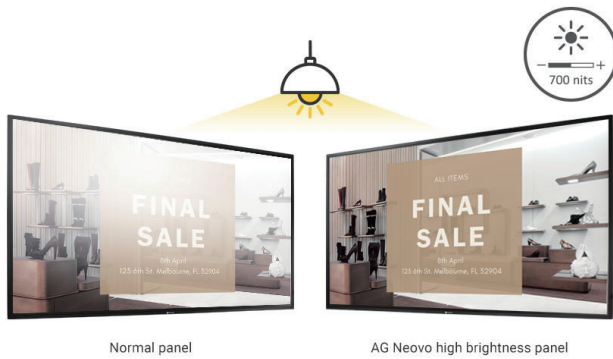
PD-43Q / PD-55Q



PD-43Q / PD-55Q



PD-65Q

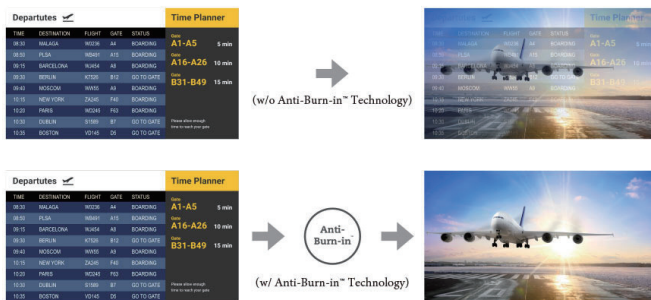


700 nits High Brightness

The PD-Series features 4K UHD, 10-bit colour depth, and 178-degree viewing angle for brilliant colour performance. Besides that, the PD-Series adopts 700 nits brightness commercial-grade panel to deliver clear, bright, and detailed imagery even in the daylight or bright indoor environments.

Commercial-grade Panel for 24/7 Use

Designed for 24/7 operation, AG Neovo professional displays are produced to meet the highest professional standard and take advantage of superior components to ensure a long product lifetime in demanding environments.



Patented Anti-Burn-in Technology

Many large format displays that are tasked with broadcasting the same or still images for prolonged periods of time can suffer from irreparable discoloration or permanent 'ghost images' (also known as image sticking and burn-in effect) compromising the quality of the message on display. To combat the effects of LCD burn-in, or ghosting, AG Neovo utilises its patented Anti-Burn-in™ Technology, which has been tested and proven to prevent image burn-in and assure the extended life span for displays.



Flexible Design Capabilities

The PD-Series is signage-friendly and can perfectly fit either in a landscape or in a portrait mode to experience complete screen orientation flexibility and fulfill the need in different scenarios.

Optional Intel® SDM Capability

The built-in SDM slot is designed for Intel smart display module, which is ready to deliver a powerful smart signage functionality for more user-friendly applications.



DisplayPort/IR/RS232 Daisy Chain Functionality

With DisplayPort daisy chain functionality, the video and audio can be delivered to multiple AG Neovo's large format displays using DisplayPort cables, and it saves a significant amount of time. IR/RS232 loop-through capability provides a convenient single point of control for multi-display installation. Compared to digital signage without DisplayPort/RS232/IR looping, it can be difficult to manage and configure multiple displays.



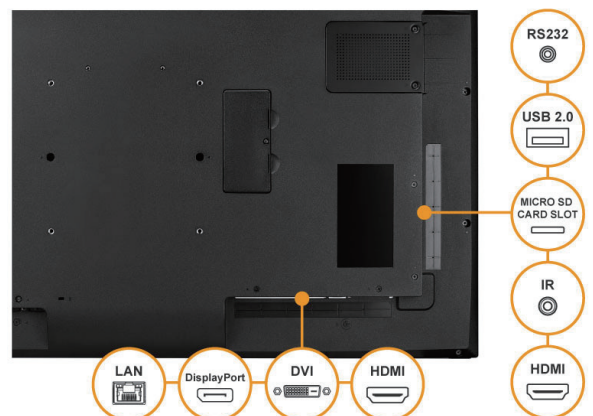
Neovo Controller

Compatible with Neovo Controller

Neovo Controller is display management software designed to simplify and centralize the control of multiple professional displays. It is an enhanced version of the older PID Controller software and features a more modern, intuitive user interface, on-demand status updates, and support for both individual and group control.

Versatile Connectivity

The PD-Series can easily connect to a variety of devices with the versatile connectivity options including DisplayPort, HDMI, DVI, USB, IR, RS232, and RJ45. It offers more flexible video source options to build up signage applications and a greater deal of versatility to boot.



Features

- 4K UHD 3840 x 2160 resolution
- 700 nits high brightness panel offers clear images in bright ambient light areas
- Anti-Burn-in™ technology prevents image ghosting
- DisplayPort 1.2 Multi-stream functionality allows easy installation for video walls
- Designed and developed for continuous 24/7 operation
- Flexible display orientation: Landscape/Portrait
- Versatile connectivity: DisplayPort, HDMI, DVI
- DisplayPort, RS232, IR daisy chain support
- SDM slot ready for easy media player / IPC integration
- Extensive display control: RS232, IR, LAN and Neovo Controller software
- Built-in USB ports for easy connection to peripherals
- Selectable gamma curves optimise different kinds of images
- Alink™ function for synchronized powering on/off via HDMI
- Kensington security slot
- VESA mount compatibility for flexible installation

* Features may vary by model

| Specifications | PD-43Q | PD-55Q | PD-65Q |
|--------------------------------|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|
| Panel | | | |
| Panel Type | LED-Backlit TFT LCD (IPS Technology) | LED-Backlit TFT LCD (VA Technology) | LED-Backlit TFT LCD (IPS Technology) |
| Panel Size | 42.5" | 54.6" | 64.5" |
| Max. Resolution | UHD 3840 x 2160 | UHD 3840 x 2160 | UHD 3840 x 2160 |
| Pixel Pitch | 0.245 mm | 0.315 mm | 0.372 mm |
| Brightness | 700 cd/m² | 700 cd/m² | 700 cd/m² |
| Contrast Ratio | 1200:1 | 5000:1 | 1200:1 |
| Viewing Angle (H/V) | 178°/178° | 178°/178° | 178°/178° |
| Display Colour | 1.07G | 1.07G | 1.07G |
| Response Time | 5 ms | 5 ms | 5 ms |
| Surface Treatment | Anti-glare treatment (Haze 25%),3H Hard Coating | Anti-glare treatment (Haze< 25%), 3H Hard Coating, Low Reflection 1.5% | Anti-glare treatment (Haze 25%), 2H (Min) Hard Coating |
| Frequency | | | |
| Frequency (H) | 31 kHz-92 kHz | 31 kHz-92 kHz | 31 kHz-92 kHz |
| Frequency (V) | 48 Hz-85 Hz | 48 Hz-85 Hz | 48 Hz-85 Hz |
| Signal Input | | | |
| DisplayPort | x 1 | x 1 | x 1 |
| HDMI | 2.0 x 3 | 2.0 x 3 | 2.0 x 3 |
| DVI | 29-Pin DVI-I x 1 (VGA) | 29-Pin DVI-I x 1 (VGA) | 29-Pin DVI-I x 1 (VGA) |
| Signal Output | | | |
| DisplayPort | 1 | 1 | 1 |
| External Control | | | |
| IR In | 3.5 mm Phone Jack | 3.5 mm Phone Jack | 3.5 mm Phone Jack |
| IR Out | 3.5 mm Phone Jack | 3.5 mm Phone Jack | 3.5 mm Phone Jack |
| RS232 In | 2.5 mm Phone Jack | 2.5 mm Phone Jack | 2.5 mm Phone Jack |
| RS232 Out | 2.5 mm Phone Jack | 2.5 mm Phone Jack | 2.5 mm Phone Jack |
| LAN | RJ45 x 1 | RJ45 x 1 | RJ45 x 1 |
| Other Connectivity | | | |
| USB | 2.0 x 1 (Service Port / Media Playback) / 2.0 x 1 (Media Playback) | 2.0 x 1 (Service Port / Media Playback) / 2.0 x 1 (Media Playback) | 2.0 x 1 (Service Port / Media Playback) / 2.0 x 1 (Media Playback) |
| Micro SD Card Slot | Yes | Yes | Yes |
| SDM Slot | SDM-S | SDM-L | SDM-L |
| Audio | | | |
| Audio In | Stereo Audio Jack (3.5 mm) | Stereo Audio Jack (3.5 mm) | Stereo Audio Jack (3.5 mm) |
| Audio Out | Stereo Audio Jack (3.5 mm) | Stereo Audio Jack (3.5 mm) | Stereo Audio Jack (3.5 mm) |
| Internal Speakers | 10W x 2 | 10W x 2 | 10W x 2 |
| Power | | | |
| Power Supply | Internal | Internal | Internal |
| Power Requirements | AC 100-240V, 50/60 Hz | AC 100-240V, 50/60 Hz | AC 100-240V, 50/60 Hz |
| On Mode | 123 (On) | 177 (On) | 199 (On) |
| Standby Mode | < 0.5W | < 0.5W | < 0.5W |
| Off Mode | 0W | 0W | 0W |
| Operating Conditions | | | |
| Temperature | 0°C-40°C (32°F-104°F) | 0°C-40°C (32°F-104°F) | 0°C-40°C (32°F-104°F) |
| Humidity | 20%-80% (non-condensing) | 20%-80% (non-condensing) | 20%-80% (non-condensing) |
| Storage Conditions | | | |
| Temperature | -20°C-60°C (-4°F-140°F) | -20°C-60°C (-4°F-140°F) | -20°C-60°C (-4°F-140°F) |
| Humidity | 10%-90% (non-condensing) | 10%-90% (non-condensing) | 10%-90% (non-condensing) |
| Mounting | | | |
| VESA FPM/PMI | Yes (200 x 200 mm) | Yes (400 x 400 mm) | Yes (400 x 400 mm) |
| Security | | | |
| Kensington Security Slot | Yes | Yes | Yes |
| Dimensions | | | |
| Product w/o Base (W x H x D) | 973.0 x 561.2 x 63.5 mm (38.3" x 22.1" x 2.5") | 1241.8 x 712.6 x 63.6 mm (48.9" x 28.4" x 2.5") | 1462.3 x 837.3 x 93.4 mm (27.6" x 33.0" x 3.7") |
| Packaging (W x H x D) | 1070.0 x 680.0 x 141.0 mm (42.1" x 26.8" x 5.6") | 1350.0 x 860.0 x 160.0 mm (53.2" x 33.9" x 6.3") | 1580.0 x 1050.0 x 151.0 mm (62.2" x 41.3" x 5.9") |
| Weight | | | |
| Product w/o Base | 10.7 kg (23.6 lb) | 16.6 kg (27.7 lb) | 27.8 kg (61.3 lb) |
| Packaging | 13.1 kg (28.9 lb) | 21.8 kg (48.1 lb) | 33.9 kg (74.7 lb) |
| Regulation Approval | | | |
| Certifications & Compliance | FCC, CE, LVD, ICES-003 Issue 7, WEEE, RoHS, REACH, BSMI | FCC, CE, LVD, ICES-003 Issue 7, WEEE, RoHS, REACH | FCC, CE, LVD, ICES-003 Issue 7, WEEE, RoHS, REACH |
| Accessories | | | |
| Supplied | Power Cord, HDMI Cable, Remote Control (Batteries not included), Quick Start Guide | Power Cord, HDMI Cable, Remote Control (Batteries not included), Quick Start Guide | Power Cord, HDMI Cable, Remote Control (Batteries not included), Quick Start Guide |
| Optional Accessories | | | |
| Ceiling Mount | CMP-01+LMK-02, CMP-01+WMK-03 | - | CMP-01+LMK-01 |
| Video Wall Mount | VWM-01 | VWM-01, VWM-02 | VWM-01, VWM-02 |
| Wall Mount | LMA-01, WMA-01, LMK-02, WMK-03 | LMA-01 | LMA-01, LMK-01, LMA-02, WMK-05 |
| Ceiling Mount (Landscape only) | CMP-01+LMK-01 | CMP-01+LMK-01 | - |
| Wall Mount (Landscape only) | LMK-01, LMA-02 | LMK-01, LMK-03, LMA-02 | LMK-03 |
| Floor Mount (Landscape only) | - | FMC-06, FMC-07 | FMC-06, FMC-07 |
| Desk mount (Landscape only) | DTS-01 | DTS-01 | - |
| Wall Mount (Portrait only) | WMK-05 | WMK-05 | - |

All specifications are subject to change without prior notice.

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