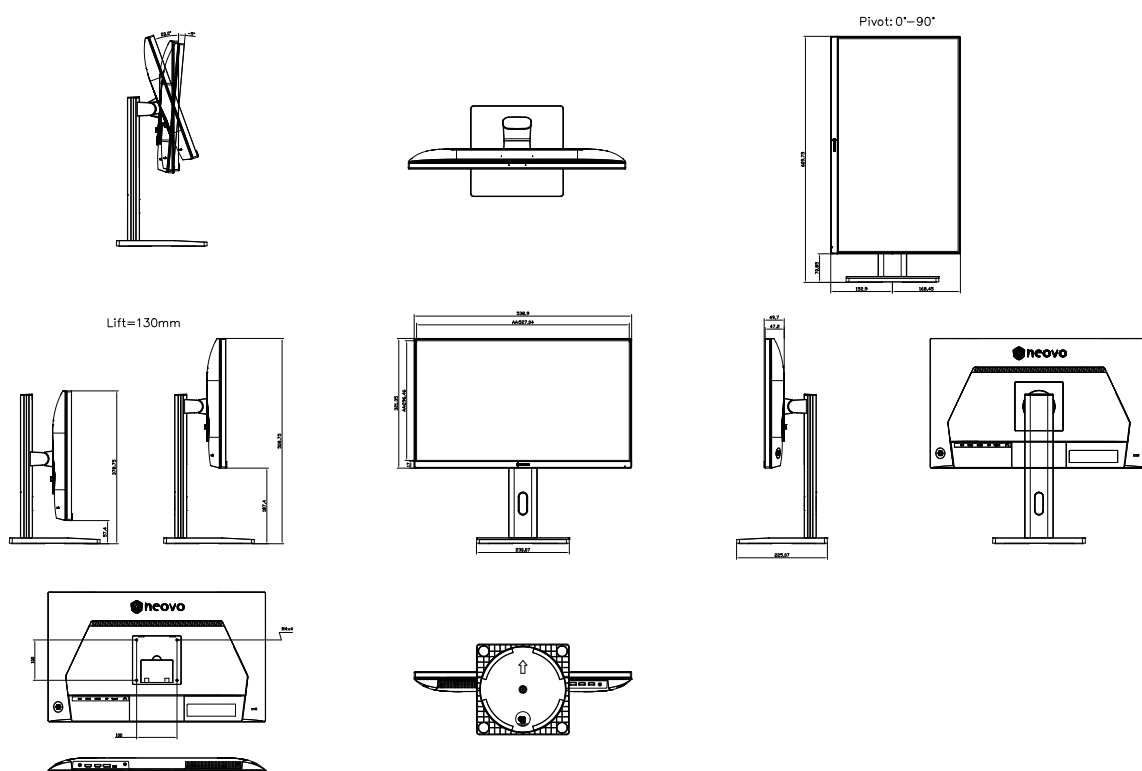# EM2451 24-INCH 4K MONITOR

FEATURES

- 3840 x 2160 UHD resolution with an impressive 185 PPI for razor-sharp visuals.
- IPS panel ensures wide viewing angles and consistent image quality.
- 10-bit colours deliver smoother gradients and precise colour reproduction.
- 100% sRGB and 93% DCI-P3 colour coverage provide exceptional accuracy.
- Various colour modes, including Mac, Movie, and Text, for versatile applications.
- Tilt, pivot, and height-adjustable stand offer personalised comfort.
- Flicker-free technology and blue light filter reduce eye strain.
- Dual HDMI, DisplayPort, and USB-C with 65W power delivery ensure versatile connectivity.

4K ULTRA HD   **185** PPI   USB-C   100% **sRGB**   Blue-light Filter

The AG Neovo EM2451 is a 24-inch 4K monitor with a 3840 x 2160 UHD resolution, offering an impressive 185 PPI for stunningly sharp details. Designed for creators, video editors, and professionals, it boasts 10-bit color, 100% sRGB, and 93% DCI-P3 coverage, ensuring exceptional color accuracy and vibrant visuals. With dual HDMI, DisplayPort, and USB-C connectivity (including 65W power delivery), the EM2451 seamlessly supports modern workflows. Its ergonomic design includes height adjustment, pivot, and tilt functionality, while flicker-free technology and a built-in blue light filter provide comfort and eye protection during long creative sessions.

TECHNICAL DRAWING

SPECIFICATIONS

Panel

Panel Type	LED-Backlit TFT LCD (IPS Technology)
Panel Size	23.8"
Max. Resolution	UHD 3840 x 2160
Pixel Pitch	0.137 mm
Brightness	350 cd/m²
Contrast Ratio	80,000,000:1 (DCR)
Viewing Angle (H/V)	178°/178°
Display Colour	1.07B
Response Time	5 ms
Surface Treatment	Anti-Glare Treatment (Haze 25%), 3H Hard Coating

Frequency

Frequency (H)	15 kHz–160 kHz
Frequency (V)	40 Hz–75 Hz

Signal Input

DisplayPort	1.4 x 1
HDMI	2.1 x 2
Type-C	1.4 x 1 (PD 65W)

Audio

Earphone	Stereo Audio Jack (3.5 mm)
Internal Speakers	2W x 2

Power

Power Supply	External
Power Requirements	DC 24V, 5A
On Mode	20W (On)
Standby Mode	<0.5W
Off Mode	<0.3W

Operating Conditions

Temperature	0°C–40°C (32°F-104°F)
Humidity	10%–90% (non-condensing)

Storage Conditions

Temperature	-20°C–60°C (-4°F–140°F)
Humidity	5%–90% (non-condensing)

Mounting

VESA FPMPMI	Yes (100 x 100 mm)

Stand

Tilt	-5° ~ 20°
Pivot	0° to 90°
Height Adjustment	0–130 mm

Security

Kensington Security Slot	Yes

Dimensions

Bezel Width	2.0 mm (Top/Left/Right)
	17.0 mm (Bottom)
Product with Base (W x H x D)	538.9 x 508.8 x 225.1 mm (21.2" x 20.0" x 8.9")
Product w/o Base (W x H x D)	538.9 x 321.4 x 49.7 mm (21.2" x 12.7" x 2.0")
Packaging (W x H x D)	768.0 x 468.0 x138.0 mm (30.2" x 18.4" x 5.4")

Weight

Product with Base	5.0 kg (11.0 lb)
Product w/o Base	3.2 kg (7.1 lb)
Packaging	7.1 kg (15.7 lb)

Regulation Approval

Certifications & Compliance	FCC, ICES-003 Issue 7, BSMI, WEEE, RoHS, REACH
Power Adaptor Certifications	CE, cUL/UL, BSMI, FCC, cETLus, EAC, GCC, CCC, RoHS, WEEE

Accessories

Supplied	HDMI Cable, Power Adaptor, Power Cord, Quick Start Guide, USB-C Cable, Warranty Card

Optional Accessories

Ceiling Mount	CMP-01 + WMK-03
Wall Mount	PMK-01, WMA-01, WMK-01, WMK-03
Desk Mount	DMC-01, DMC-02D, DMS-01D, ES-02

REACH   RoHS COMPLIANT   WEEE