

# UHD Pro™ Series

Industry Best LED Display & Control System



**neoti** 



## UHD Pro™ Series

### Advanced Image Performance

The TAA compliant UHD Pro Series provides industry-best image performance for the most demanding environments with exclusive automatic and color-space calibration, by combining an exclusive direct-view LED panel and control system combination - perfect for:

- Design Centers
- Control Centers
- Broadcast and XR Studios
- Commercial Spaces
- Government Facilities
- Defense Command Centers



### Redefining the Possibilities of Color & Performance

Not content with the status quo, the advanced performance of the UHD Pro Series begins with selecting the finest LED components, and utilizes the most precise color matching and calibration control in the industry.



#### Industry Exclusive Automatic Calibration

When modules are replaced with spares or moved within a finished display, the new module's calibration is automatically adjusted to match the surrounding cabinets for a perfectly calibrated display without the hassle of manual color adjustments.

#### True Color Reproduction

The UHD Pro system does not modify the input signal (as other systems do), it orchestrates the LED hardware to preserve the integrity of the color balance of true-to-life imagery. With the ability to synchronize ICC color profiles, design workflows are fundamentally changed for the better!

#### Dynamic Thermo and Line Compensation

Proprietary tools such as dynamic thermal and line compensation give you perfect color management and image homogeneity.

#### Low-Brightness Gamma Correction

The UHD Pro's proprietary gamma correction technology achieves the purest black levels and gradients at extremely low brightness levels.

#### Integrated Video-Mixer

All the standard mixing capabilities including scaling, cropping, picture in picture, saving and starting presets including fading functions, handling up to 4 different video layers.

- Video inputs: 3G-HDSI, HDMI, DP
- Integrated Switcher and Video Scaler
- Supported Refresh Rates: 50, 60, 75, 100, 120 Hz
- Color Temperature: adjustable 3,000° K - 10,000° K
- Brightness: Adjustable in 0.1% steps 0.1% - 100%
- Real Time Integrated System Monitoring Tool
- Automatic Color Adjustment

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## UHD Pro™ Series Specifications



**0.9 - 2.5**  
Pixel Pitch

**16:9**  
Aspect Ratio

**Front**  
Install & Service

		UP09	UP12	UP15	UP18	UP25
DISPLAY PROPERTIES	Pixel Pitch	0.9 mm	1.25 mm	1.56 mm	1.88 mm	2.5mm
	Resolution (H/V)	640x360 px	480x270 px	384x216 px	320x180 px	240x135 px
	Brightness	800 nits				
	Refresh Rate	≤ 3840 Hz				
	Contrast	5000:1				
	Color Depth	16 bit				
	Diode Type	4-in-1 SMD	SMD	SMD	SMD	SMD
ENGINEERING	Panel Weight	15 lbs				
	Panel Dimensions	Metric: 600 x 337.5 x 58mm / Imperial: 23.622 x 13.287 x 2.28 in (WxHxD)				
	Installation & Service	Front				
	Operating Voltage	AC 110 ~ 240V (50 ~ 60Hz)				
	Panel Power (Max/Avg)	122 / 41 W				
	Environment Rating	IP50				
	Certifications	FCC, UL, CE-TUV, ETL, RoHS, CCC. TAA Compliant.				




Specifications are accurate at time of printing. Actual specifications may vary due to customizations or updates. Specifications should be confirmed upon ordering.

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## Corporate Office, Manufacturing & Service Warehouse

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