



CONTROL ROOMS

AON Series

Next Generation Displays

Communication is key in any business. Having the ability to communicate your message, clearly, accurately and consistently at all times has never been more important.

The AON Series provides the ultimate screen technology presenting information on a large-format, high-end digital display ensuring your message reaches everyone in the room. Crystal clear graphics allows detailed information to be presented clearly and accurately.

Quality you can count on. Easy operation and maintenance ensures mission critical information is never missed; this self monitoring screen will alert you if there is a problem.

A streamline design that will fit with any workplace the AON Series is the ultimate in Control Room Display Technology.



**Streamlined Design
Quality Performance
Piece of Mind**

Command and Control Centres

High Pixel Density

High Contrast Ratio

High Refresh rate

Wide Viewing Experience

Pixel-Level Calibration

Blue Light Certified



RAZOR-SHARP MOTION



SUPERIOR THERMAL PERFORMANCE



SUPERWIDE VIEWING ANGLE



ENERGY SAVING COMMON CATHODE TECHNOLOGY

A LED Digital Display allows clear, accurate and dynamic communication to create a highly productive and collaborative environment.

Large format, high-end digital displays are the ultimate for any Command and Control Centre. Whether you are communicating detailed information and data for analysis or collaborating through dynamic presentations and videos, your message will always reach everyone in the room.

Whether it is a custom shape, or to fit within your architectural vision, the streamline design allows content to be viewed clearly from multiple angles and distances, allowing the digital displays to be integrated into rooms with curves, contours and tight corners.

Easy to calibrate to allow a consistent and seamless display that delivers brilliant crystal clear content. Any maintenance required is easy and timely with front service access and self monitoring applications that tells you when there is a problem.

AON has been designed by global experts in both LED and Videowall industries to deliver next-generation design for both visual and architectural advantages.

Quality and reliability ensures the AON Series digital displays enhance mission critical control centres, conference rooms, executive briefing centres and other collaborative spaces.

The ultimate communication and collaboration tool

AON's core technologies come together to generate an experience unlike any other.

The AON Series is the ultimate LED Display System for applications seeking the very best visual performance and mission-critical reliability.

DESIGN

The AON Series addresses the challenges faced by traditional video wall installations including: easy mounting and alignment, reliability for extended operation, service and maintenance access and most importantly display management.

TRUE COLOUR

Bring details to life like never before using inherent colour quality and superior colour purity. A dramatic visual experience producing vibrant and natural colours.

CONTRAST

The AON Series uses state of the art technology to produce its ultimate contrast ratio. Utilising Micro LED technology allows increased space between pixels this space is then filled with black resin to create the ultimate black display face.



1,000,000 : 1 Contrast

Crystal Black Face

Data and Power Redundancy

FlipChip Technology

Common Cathode Technology

Lower Power Consumption

ITR™ (Intelligent Tile Technology)

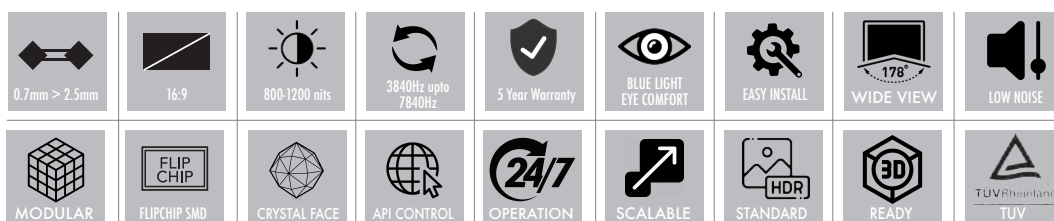
Bonded Face Technology

Controlled Blue light for eye comfort

Flicker Free and reduced reflection

Reduced Heat Loads (BTU)

5 Year + Warranty



“ Provides stunningly realistic colors. ”



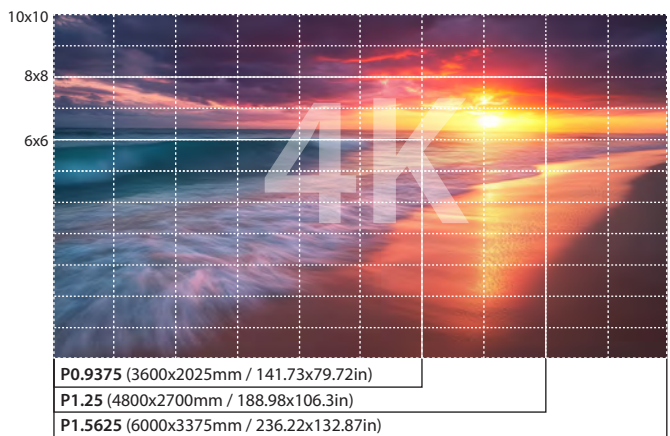
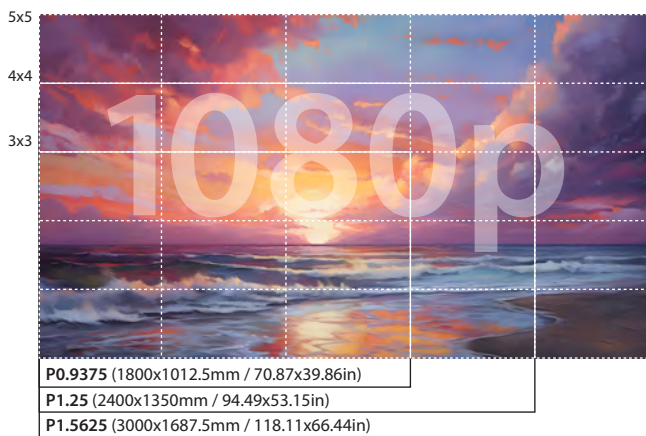
Less glare.

At PIXON, we've designed each AON Series microLED with a singular focus: achieving image perfection. Our meticulous attention to detail has resulted in an advanced anti-reflective coating that works at the nanometer scale, effectively scattering light and significantly reducing glare. In contrast to conventional matte LED coatings that create undesirable haze and diminish contrast, our proprietary technology ensures optimal contrast while enhancing the clarity and beauty of the displayed image.

Provides stunningly realistic colors.

The PIXON AON Series microLED showcases enhanced specular highlights, exceptional detail in shadows, and vibrant, lifelike colors. Each display is factory calibrated and includes professional reference modes for HDR color grading.

Each display is not only calibrated in the factory, our expert team also complete a full on site calibration.





MicroLED (COB)

PHYSICAL PARAMETERS	AON-C07	AON-C09	AON-C12	AON-C15	AON-C18
Technology	MicroLED (COB)*	MicroLED (COB)*	MicroLED (COB)*	MicroLED (COB)*	MicroLED (COB)*
Pixel Pitch	0.7mm	0.9mm	1.2mm	1.5mm	1.8mm
Cabinet Size(W x H x D)	600×337.5×38 mm	600×337.5×38 mm	600×337.5×38 mm	600×337.5×38 mm	600×337.5×38 mm
Cabinet Weight	4Kg	4Kg	4Kg	4Kg	4Kg
OPTICAL PARAMETERS					
Cabinet Resolution(L x W) pixels	768×432	640×360	480×270	384×216	320×180
Aspect Ratio	16:9	16:9	16:9	16:9	16:9
Brightness(nits = cd/m ²)	≤600	≤600	≤600	≤600	≤1000
Refresh Rate(Hz)	≤3,840	≤3,840	≤3,840	≤3,840	≤3,840
Color Temperature(K)	2,500~10,000	2,500~10,000	2,500~10,000	2,500~10,000	2,500~10,000
ELECTRICAL PARAMETERS					
Features	Common Cathode	Common Cathode	Common Cathode	Common Cathode	Common Anode
Power ConsumptionMax(W/m ²)	≤420	≤400	≤360	≤350	≤340
Power ConsumptionTypical (W/m ²)	≤140	≤134	≤125	≤117	≤110
Working Voltage	AC:100V~240V,50-60Hz	AC:100V~240V,50-60Hz	AC:100V~240V,50-60Hz	AC:100V~240V,50-60Hz	AC:100V~240V,50-60Hz
ADDITIONAL FEATURES					
Lifetime(Hours)	100	100	100	100	100
OperatingTemp (°C)	-20 ~ +60	-20 ~ +60	-20 ~ +60	-20 ~ +60	-20 ~ +60
Humidity Range(%)	10 ~ 90	10 ~ 90	10 ~ 90	10 ~ 90	10 ~ 90

MicroLED (COB)* Flip Chip on Board

MicroLED (SMD)** Flip Chip SMD





MicroLED (SMD)

PHYSICAL PARAMETERS	AON-S09	AON-S12	AON-S15	AON-S18	AON-S25
Technology	MicroLED (SMD)**	MicroLED (SMD)**	MicroLED (SMD)**	MicroLED (SMD)**	MicroLED (SMD)**
Pixel Pitch	0.9mm	1.2mm	1.5mm	1.8mm	2.5mm
Cabinet Size(W x H x D)	600×337.5×38 mm	600×337.5×38 mm	600×337.5×38 mm	600×337.5×38 mm	600×337.5×38 mm
Cabinet Weight	4Kg	4Kg	4Kg	4Kg	4Kg
OPTICAL PARAMETERS					
Cabinet Resolution(L x W) pixels	640×360	480x270	384x216	320x180	240x135
Aspect Ratio	16:9	16:9	16:9	16:9	16:9
Brightness(nits = cd/m ²)	≤1000	≤1000	≤1000	≤1000	≤1200
Refresh Rate(Hz)	≤3,840	≤3,840	≤3,840	≤3,840	≤3,840
Color Temperature(K)	2,500~10,000	2,500~10,000	2,500~10,000	2,500~10,000	2,500~10,000
ELECTRICAL PARAMETERS					
Features	Common Cathode	Common Cathode	Common Cathode	Common Anode	Common Anode
Power ConsumptionMax(W/m ²)	≤520	≤520	≤520	≤520	≤520
Power ConsumptionTypical (W/m ²)	≤450	≤450	≤450	≤450	≤450
Working Voltage	AC:100V~240V,50-60Hz	AC:100V~240V,50-60Hz	AC:100V~240V,50-60Hz	AC:100V~240V,50-60Hz	AC:100V~240V,50-60Hz
ADDITIONAL FEATURES					
Lifetime(Hours)	100	100	100	100	100
OperatingTemp (°C)	-20 ~ +60	-20 ~ +60	-20 ~ +60	-20 ~ +60	-20 ~ +60
Humidity Range(%)	10 ~ 90	10 ~ 90	10 ~ 90	10 ~ 90	10 ~ 90

MicroLED (COB)* Flip Chip on Board

MicroLED (SMD)** Flip Chip SMD





**Control Rooms
Command Centres
Collaborative Spaces**

AON
Series

AON
Series

*The ultimate communication
and collaboration tool.*

PIXON
TECHNOLOGY

Address: Unit 5, 91-93 Old Pittwater Road
Brookvale, NSW, Australia
Phone: 1300 174 966
Website: www.pixontech.com.au