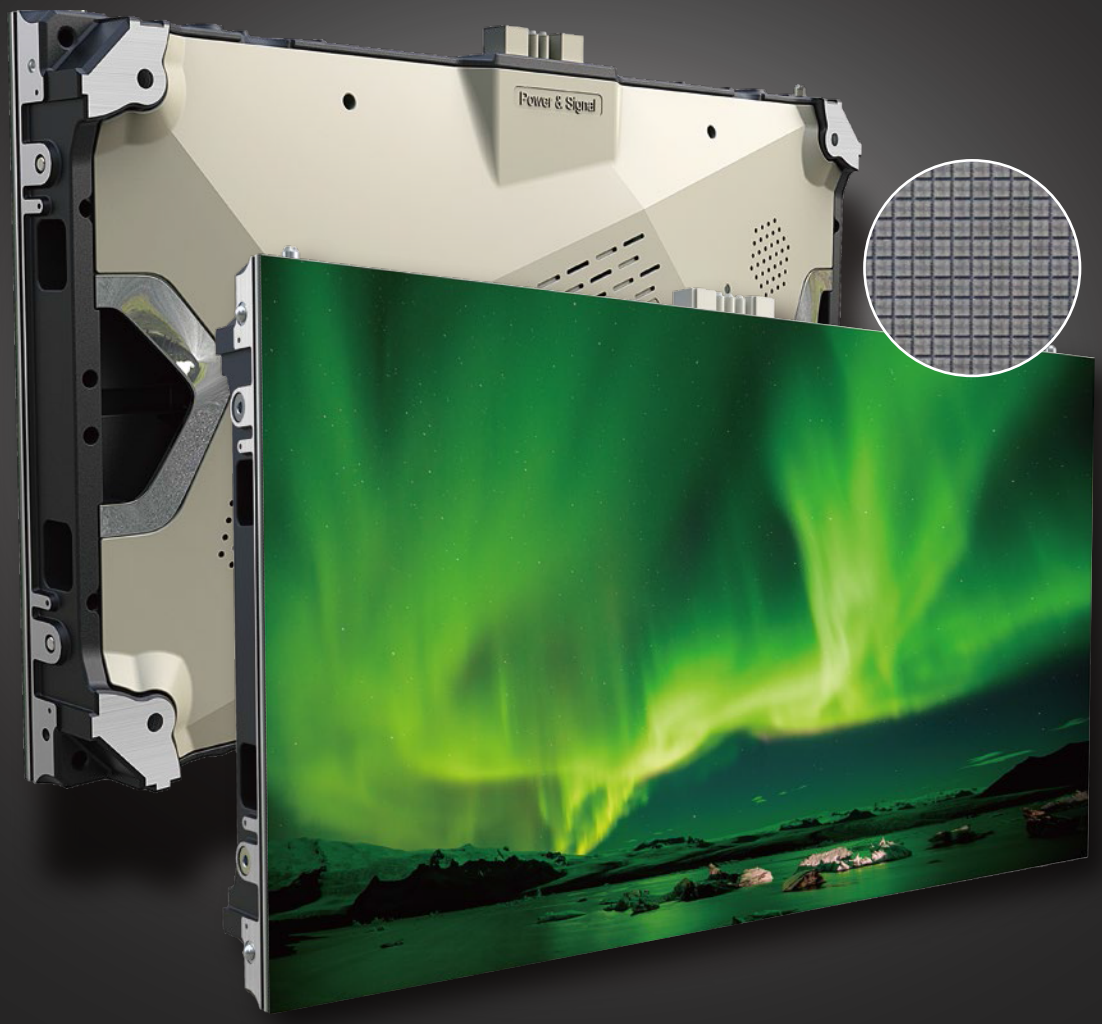



# Mini LED Display

## Narrow Pixel Pitch-ATLAS Series 0.9mm

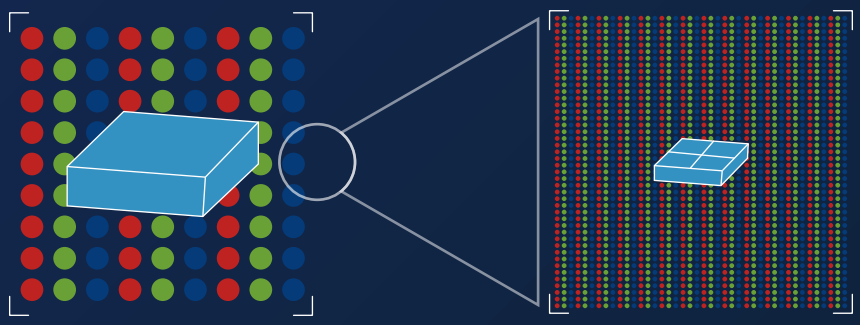
Pangaea Technology, Inc Add: 1250 Corona Point CT STE 402 Corona, CA 92879 Web: www.pangaeatechnology.com

# What is Mini LED Display?

Mini LED contains LEDs sized at approximately 100 micrometers;
displaying a smaller, thinner, counterpart to traditional LED.

**This IMD Integration technology results in optimized visuals displaying the following advantages:**

- Dust Proof
- Anti Crash
- Easy Maintenance
- Easy Cleaning



Traditional LED
100-500 micrometers

4 in 1 Mini LED
Smaller, thinner

N+1 Backup power supply

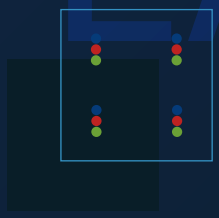
Ultra-light Ultra-thin

Ultra-high refresh rate

Mini LED Display-Atlas Series

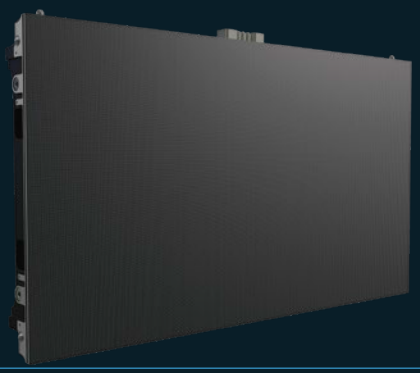
Low brightness High grey scale

# FEATURES



## Highly-integrated, Highest quality

Using 4-in-1 Mini LED packaging technology, this new-era product has an advanced level stability and durability making for easy on-site maitenance.



# Atlas Series with Mini LED Parameters

| Model | Atlas 0.9 | Atlas 1.5 |
|---|---|---|
| Pixel Pitch(mm) | 0.9 | 1.58 |
| Physical Density(dot/m²) | 1101030 | 396396 |
| LED Type | 4 in 1 Mini LED | 4 in 1 SMD1010 |
| Module Size(mm*mm) | 152*171 | 152*171 |
| Horizontal Viewing Angle(Deg) | 140 | 140 |
| Vertical Viewing Angle(Deg) | 140 | 140 |
| Brightness(cd/m²) | 800 | 800 |
| Gray Scale | 14-16 | 14-16 |
| Refresh Rate(Hz) | 3840 | 3840 |
| Maximum Power Comsumption | 697W/m² | 697W/m² |
| Average Power Comsumption | 285W/m² | 285W/m² |
| Cabinet Size(mm*mm) | 609*343*60 | 609*343*60 |
| Cabinet Weight(±0.25kg) | 6.5 | 6.5 |
| Cabinet Resolution(px*px) | 640*360 | 384*216 |
| Input Voltage(AC) | 110-240V | 110-240V |
| Maintenance | Front / Rear | Front / Rear |
| Working Environment | Indoor | Indoor |

## Application Reference

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## Exquisite and Vivid Image Quality

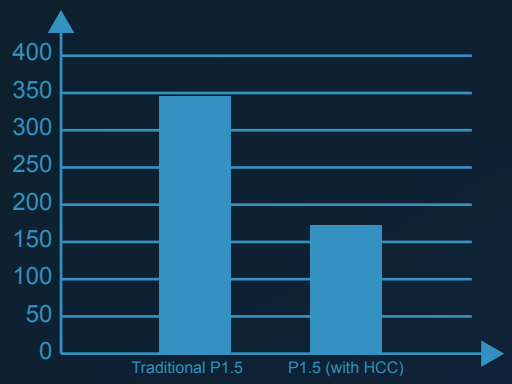
115% NTSC ultra-high gamut, supports HLG+HLG, adjustable intelligent color temperature.

HLG Hybrid Log Gamma HDR 10

## Energy saving (with HCC technology)

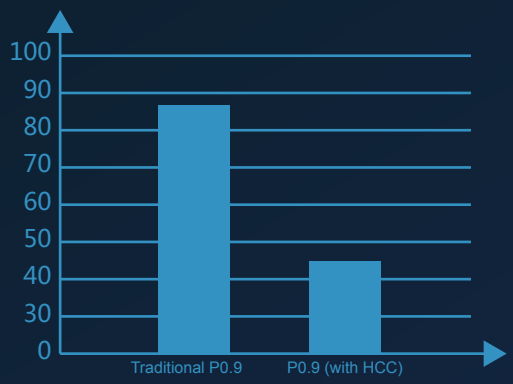
Use dual voltage drive, save 50% electricity consumption for same level of brightness.

Power Consumption-20m² P1.5




Save about 170 kw·h per day

Power Consumption-5m² P0.9




Save about 43 kw·h per day

## Golden Ratio 16:9 High Resolution

Seamless and borderless, adaptable to nearly any size or shape.

16:9

P0.9 splicing illustration