

# AP3 Series

Indoor Front Service LED Display Banner-P1.2, P1.5, P1.8, P2, P2.5



Foldable Body



Amazing Display Capability



Full Screen Image



100,000h Lifespan



13bits ~ 24bits



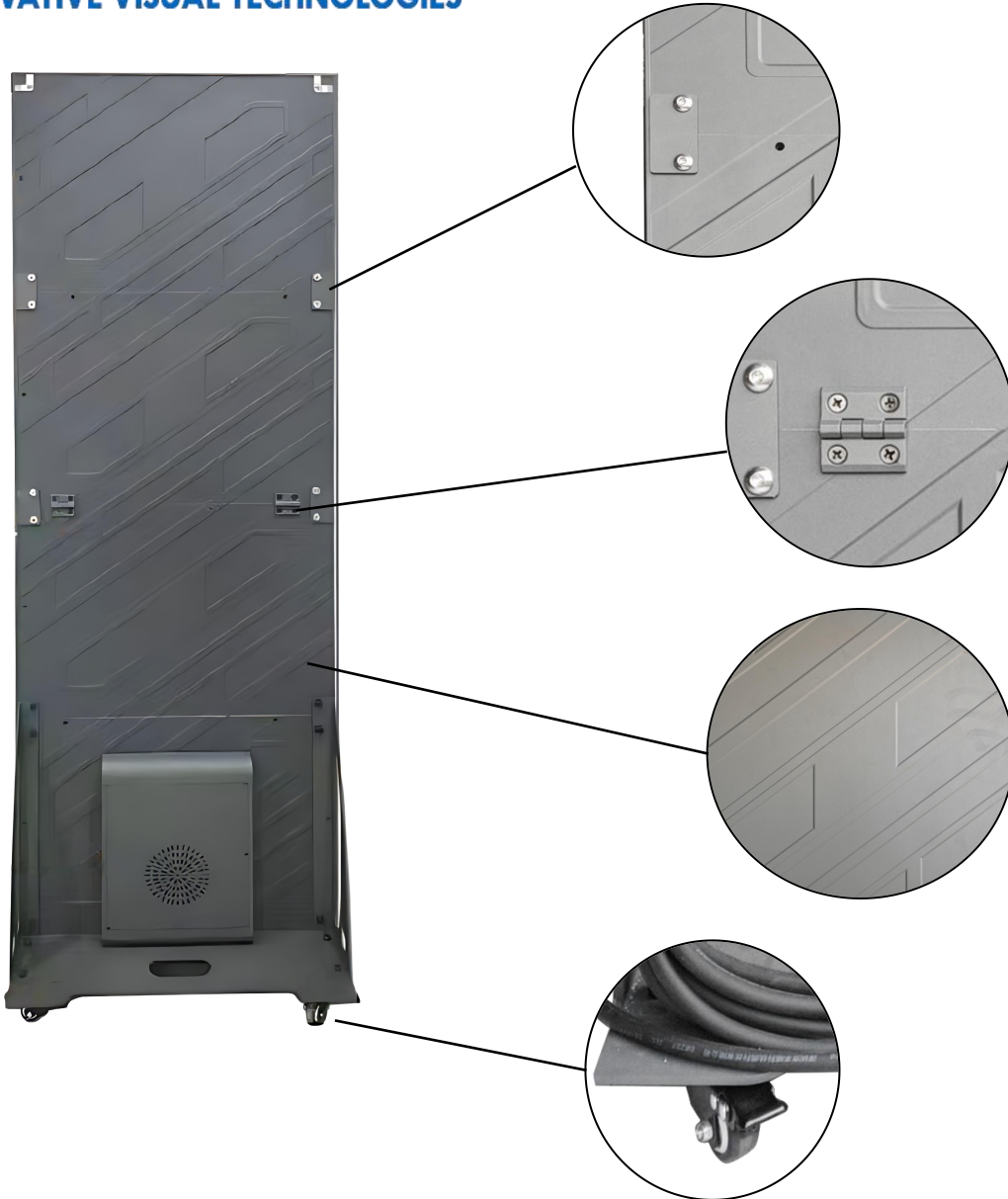
1920Hz ~ 3840Hz

## Foldable Body



With its clever folding design, the height reduces from nearly 2 meters to just 1 meter, making transportation and storage incredibly convenient. Perfect for events, retail displays, and promotions, this space-saving solution maintains the same vibrant visuals while offering unmatched portability. Elevate the advertising with ease and efficiency!

## Show Details



- The cabinets are fixed with screws to prevent misalignment or collision during transportation. This is more stable and safer.
- Foldable bolt: allows the nearly two-meter-high body to be folded into one meter.
- Die-cast aluminum cabinets: lighter and thinner than traditional steel cabinets. Meanwhile it's better for quick heat dissipation.
- Wheels design: One poster wears 4 wheels. With the vertical wheel design the poster not only can stand on its own without any external structure, but also bring great convenience for movement.

## High Refresh Rate

Refresh rate: up to 3840Hz.

Grey scale: up to 24bits

Excellent color contrast: 10000:1

Brightness: up to 1000nits

Lifespan :100,000h







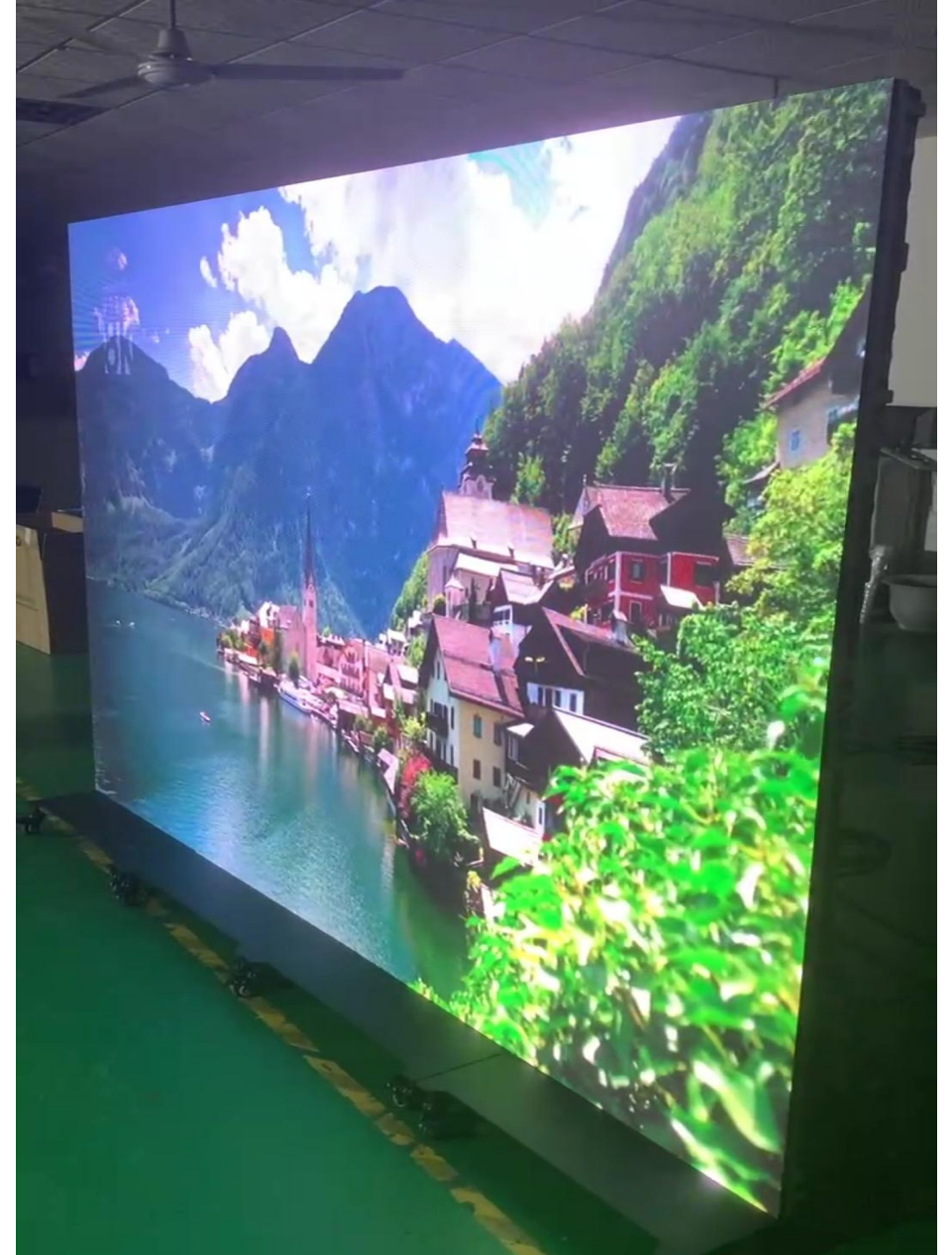
## Energy Conservation

The maximum power is  $480/\text{m}^2$ , which is much lower than other similar products on the market, more energy-saving. The brightness of this product can reach 800 nits, which can display advertisements very clearly without hurting the eyes.

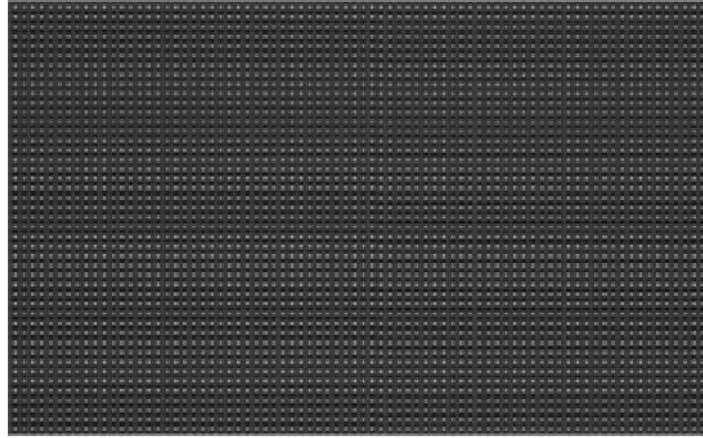
## Seamless Connection

Many traditional posters LED, when they connect together, clients are often bothered by the unavoidable black frame line between posters, because it affects a lot the display effect as a big screen.

But for this product, thanks for the die-casting cabinet design, there is no any black frame line between posters and the splicing is seamless. When you put multiple posters together, they can perform like one big beautiful display. You won't even notice the stitching gap between screens.







## Front Service & Small Pitch

Front service design, more conducive to maintenance, saving more time for repair.

Small spacing makes your advertising screen clearer.

Non-integrated design provides convenience for transportation.

## Excellent Performance

The combination of high resolution, high refresh and small spacing makes every frame of this AP3 series advertising display vivid and can quickly attract attention.







## Applications :

- Retail Restore Front
- Convention Signage
- Exhibit Booth
- Shopping Store

| Item                        | P1.2                            | P1.5                            | P1.8                            | P2                              | P2.5                            |
|-----------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|
| Pixel Pitch                 | 1.25mm                          | 1.538mm                         | 1.86mm                          | 2.0mm                           | 2.5mm                           |
| LED Type                    | SMD 1212                        | SMD 1212                        | SMD 1515                        | SMD 1515                        | SMD 2020                        |
| Module Resolution           | 256dots × 128dots               | 208dots × 104dots               | 172dots × 86dots                | 160dots × 80dots                | 128dots × 64dots                |
| Driving Mode                | 1/64s can                       | 1/52s can                       | 1/43s can                       | 1/40s can                       | 1/32s can                       |
| Module Pixels               | 32,768dots                      | 21,632dots                      | 14,792dots                      | 12,800dots                      | 8,192dots                       |
| Module Size                 | 320mm × 160mm                   | 320mm × 160mm                   | 320mm × 160mm                   | 320mm × 160mm                   | 320mm × 160mm                   |
| Panel display Size          | 640mm × 1920mm                  | 640mm × 1920mm                  | 640mm × 1920mm                  | 640mm × 1920mm                  | 640mm × 1920mm                  |
| Panel display Resolution    | 512dots × 1536dots              | 416dots × 1248dots              | 344dots × 1032dots              | 320dots × 960dots               | 256dots × 768dots               |
| Pixel Density               | 640,000dots/m <sup>2</sup>      | 422,500dots/m <sup>2</sup>      | 289,050dots/m <sup>2</sup>      | 250,000dots/m <sup>2</sup>      | 160,000dots/m <sup>2</sup>      |
| Minimum Viewing Distance    | ≥1.2 m                          | ≥1.5 m                          | ≥1.8 m                          | ≥2.0 m                          | ≥2.5 m                          |
| Brightness                  | 800-1000nits                    | 800-1000nits                    | 800-1000nits                    | 800-1000nits                    | 800-1000nits                    |
| IP Grade                    | IP43                            | IP43                            | IP43                            | IP43                            | IP43                            |
| Refresh Rate                | 3,840Hz~7,680Hz                 | 3,840Hz~7,680Hz                 | 3,840Hz~7,680Hz                 | 3,840Hz~7,680Hz                 | 3,840Hz~7,680Hz                 |
| Gray Scale                  | 14bits~22bits                   | 14bits~22bits                   | 14bits~22bits                   | 14bits~22bits                   | 14bits~22bits                   |
| Viewing Angle               | H:160° / V:160°                 | H:160° / V:160°                 | H:160° / V:160°                 | H:160° / V:160°                 | H:160° / V:160°                 |
| Maximum Power Consumption   | 448W/m <sup>2</sup>             | 448W/m <sup>2</sup>             | 448W/m <sup>2</sup>             | 480W/m <sup>2</sup>             | 480W/m <sup>2</sup>             |
| Average Power Consumption   | 240W/m <sup>2</sup>             | 240W/m <sup>2</sup>             | 240W/m <sup>2</sup>             | 260W/m <sup>2</sup>             | 260W/m <sup>2</sup>             |
| Input Voltage               | AC220V~AC110V @ 50Hz / 60Hz     | AC220V~AC110V @ 50Hz / 60Hz     | AC220V~AC110V @ 50Hz / 60Hz     | AC220V~AC110V @ 50Hz / 60Hz     | AC220V~AC110V @ 50Hz / 60Hz     |
| Operating Temperature       | - 20℃~65℃                       | - 20℃~65℃                       | - 20℃~65℃                       | - 20℃~65℃                       | - 20℃~65℃                       |
| Operating Humidity          | 10%~90%                         | 10%~90%                         | 10%~90%                         | 10%~90%                         | 10%~90%                         |
| Cabinet Material            | Die-casting Aluminum            | Die-casting Aluminum            | Die-casting Aluminum            | Die-casting Aluminum            | Die-casting Aluminum            |
| Weight of Machine           | 51.5kg/pc                       | 51.5kg/pc                       | 51.5kg/pc                       | 51.5kg/pc                       | 51.5kg/pc                       |
| Dimension of Machine        | 670mm(w) x 1,975mm(h) x 62mm(d) | 670mm(w) x 1,975mm(h) x 62mm(d) | 670mm(w) x 1,975mm(h) x 62mm(d) | 670mm(w) x 1,975mm(h) x 62mm(d) | 670mm(w) x 1,975mm(h) x 62mm(d) |
| Operating System            | Windows (Win10, Win8, etc.)     | Windows (Win10, Win8, etc.)     | Windows (Win10, Win8, etc.)     | Windows (Win10, Win8, etc.)     | Windows (Win10, Win8, etc.)     |
| Signal Source Compatibility | WIFI, 4G, etc.                  | WIFI, 4G, etc.                  | WIFI, 4G, etc.                  | WIFI, 4G, etc.                  | WIFI, 4G, etc.                  |