

Mars Series

Professional Floor Display



Integrated anchor



Thinner panel



High load capacity



Optional sub-frame

Professional Floor Display

- 2.5, 4.8mm pixel pitch
- 0~20mm height adjustable
- 10%~38% thinner than conventional panel (compared to other products with 130mm thickness)
- Ultra-high load capacity
- Water resistance surface
- Front installation
- Full front maintenance (module, PSU, receiving card, HUB board)

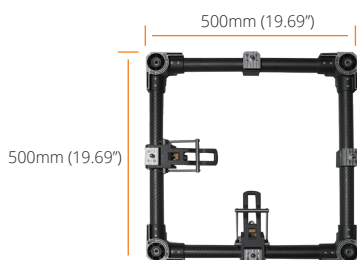


500x500mm (19.69x19.69")

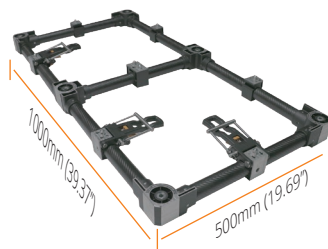


Anchor design for height adjustment

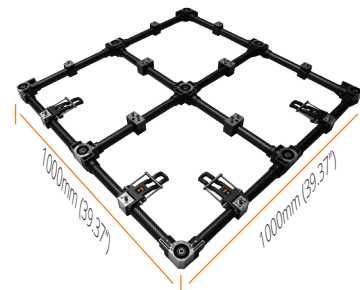
Optional Sub-frame Enables Fast Installation*



• For 1x1 panel • 3.7kg (8.16lbs)



• For 2x1 panels • 6.3kg (13.89lbs)



• For 2x2 panels • 9.9kg (21.83lbs)

*All MR series products can be installed with sub-frame, and the anchor-free, matte version is the most recommended.

◀ MR2.5

- GOB(Glue on Board) packaging technology
- Deep black non-reflective surface
- 1000kg/m²(204.81lbs/ft²) load capacity
- 144Hz frame rate (Brompton/NovaStar)
- 1000nits brightness

◀ MR4.8 Matte Version

- Anti-reflection matte finish
- Perfect black consistency
- 2500kg/m²(512.04lbs/ft²) load capacity
- 251Hz (Brompton) /240Hz(NovaStar) frame rate
- Up to 1500nits brightness



◀ MR4.8 Glassy Version

- Tempered glass finish
- 2500kg/m²(512.04lbs/ft²) load capacity
- 7H surface hardness level
- 1000nits brightness
- MOQ: 500 tiles

◀ MR4.8 Interactive Matte Version

- Support up to 1920x1080 resolution
- NovaStar control system
- Anti-reflection matte finish
- 2500kg/m²(512.04lbs/ft²) load capacity
- 1000nits brightness

◀ Product Specification

| Parameters | MR2.5 | | MR4.8 matte version | | MR4.8 anchor-free matte version (Need to be used with subframe) | | MR4.8 glassy version | MR4.8 interactive matte version |
|--|--------------------------------|-----------|--------------------------------|-----------|--|-----------|-----------------------------------|-----------------------------------|
| | Brompton | NovaStar | Brompton | NovaStar | Brompton | NovaStar | NovaStar | NovaStar |
| Control system | Brompton | NovaStar | Brompton | NovaStar | Brompton | NovaStar | NovaStar | NovaStar |
| LED type | SMD1515 | SMD1515 | SMD1921 | SMD1921 | SMD1921 | SMD1921 | SMD1921 | SMD1921 |
| Pixel pitch (mm) | 2.5 | 2.5 | 4.8 | 4.8 | 4.8 | 4.8 | 4.8 | 4.8 |
| Panel dimensions (WxHxD, mm) | 500x500x80 (19.69x19.69x3.15") | | 500x500x85 (19.69x19.69x3.35") | | | | 500x500x92 (19.69x19.69x3.62") | 500x500x85 (19.69x19.69x3.35") |
| Panel resolution | 200x200 | 200x200 | 104x104 | 104x104 | 104x104 | 104x104 | 104x104 | 104x104 |
| Panel weight (kg) | 12 (26.46lbs) | | | | | | 16 (35.27lbs) | 12 (26.46lbs) |
| Panel material | Die casting aluminum | | | | | | | |
| Module size (WxH, mm) | 250x250 (9.84x9.84") | | | | | | | |
| Brightness (nit) | 1000 | 1000 | 1500 | 1000 | 1500 | 1500 | 1000 | 1000 |
| Refresh rate (Hz) | 7680 | 3840 | 7680 | 3840 | 7680 | 7680 | 3840 | 3840 |
| Grayscale (bit) | 15 | 15 | 16 | 14 | 16 | 16 | 14 | 14 |
| Contrast ratio | 1200:1 | 1200:1 | 6000:1 | 1500:1 | 6000:1 | 6000:1 | 3000:1 | 4000:1 |
| Color temperature (K) | 6500 | | | | | | | |
| Viewing angle (H/V, °) | 160/160 | 160/160 | 140/140 | 140/140 | 140/140 | 140/140 | 140/140 | 140/140 |
| Drive mode | 1/20 | 1/20 | 1/7 | 1/7 | 1/7 | 1/7 | 1/7 | 1/7 |
| AC operating voltage (V) | 100~240 | | | | | | | |
| Power consumption (max./avg., W/m ²) | 600/200 | 600/200 | 640/214 | 640/214 | 640/214 | 640/214 | 640/214 | 640/214 |
| IP rating | IP65/IP54 | IP65/IP54 | IP65/IP54 | IP65/IP54 | IP65/IP54 | IP65/IP54 | IP65/IP54 | IP65/IP54 |
| Certification | FCC, ETL, CE, RoHS | | | | | | | |



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