



Indoor Ribbon



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Excellent design

- Reasonable modular design
All pixel pitch share the same HUB card, frame and power supply.
- Convenient maintainance
Total front and rear service, modules and PSU can be taken from the front totally.
- Excellent performance
Selected high quality components and professional PCB design make the excellent video performance.



Flexibility

- Different panel size available
500x500mm, 500x750mm and 500x1000mm panel to match your design.
- Various installation way
Inpad plus panel is designed for wall-mounted directly, hanging and stacking.



Creativity

- Cut the panel with 45 degree, to make the perfect Square column installation.
- Concave and convex installation available.



Specifications



Indoor Ribbon

| Item Number | IPM19 | IPM26 | IPM29 | IPM39 | IPM48 |
|--------------------------------------|-------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| Pixel Pitch | 1.95mm | 2.6mm | 2.9mm | 3.9mm | 4.8mm |
| LED Diode | SMD1212 | FM-B2020RGBA-HG | FM-B2020RGBA-HG | FM-B2020RGBA-HG | FM-B2020RGBA-HG |
| Module Size (mm * mm) | 250*250 | 250*250 | 250*250 | 250*250 | 250*250 |
| Module Resolution (PX * PX) | 128*128 | 96*96 | 84*84 | 64*64 | 52*52 |
| Driver IC | MBI5253 | MBI5253 | MBI5253 | MBI5253 | MBI5253 |
| Scan | 1/32 | 1/32 | 1/21 | 1/16 | 1/13 |
| Average Module Power Consumption (W) | 35W | 27W | 27W | 28W | 28W |
| Horizontal Viewing Angle (Deg) | 160 | 160 | 160 | 160 | 160 |
| Vertical Viewing Angle (Deg) | 140 | 140 | 140 | 140 | 140 |
| Brightness (cd/m2) | 800-1000 | 1000 | 1000 | 900 | 900 |
| Grey Scale (bit) | 14 | 14 | 14 | 14 | 14 |
| Refresh Rate (Hz) | 3840 | 3840 | 3840 | 3840 | 3840 |
| Max Power Disipation (W/m2) | 560 | 440 | 440 | 450 | 450 |
| Average Power Consumption (I/W/m2) | 200 | 150 | 150 | 160 | 160 |
| Cabinet Size (mm * mm) | 500*500 | 500*1000/500*750/500*500 | 500*1000/500*750/500*500 | 500*1000/500*750/500*500 | 500*1000/500*750/500*500 |
| Cabinet Thickness(mm) | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 |
| Input Voltage (V) | 110-220V/200-240V | 110-220V/200-240V | 110-220V/200-240V | 110-220V/200-240V | 110-220V/200-240V |
| Working Temperature (°C) | -20~+40 | -20~+40 | -20~+40 | -20~+40 | -20~+40 |
| Operation Humidity (RH) | 10%~90% | 10%~90% | 10%~90% | 10%~90% | 10%~90% |
| Storage Temperature range | -40~+80 | -40~+80 | -40~+80 | -40~+80 | -40~+80 |
| Ingress Protection | IP20 | IP20 | IP20 | IP20 | IP20 |
| Working Environment | Indoor Fixed | Indoor Fixed | Indoor Fixed | Indoor Fixed | Indoor Fixed |
| Certificate | CE, ETL, EMC, 3C | CE, ETL, EMC, 3C | CE, ETL, EMC, 3C | CE, ETL, EMC, 3C | CE, ETL, EMC, 3C |



Semi outdoor installation

- 1) 3,000nits brightness by using high-end black SMD LEDs.
- 2) Total rear service or front service.
- 3) Ideal product for window screens, commercial video contents can be seen clearly even under the strong sunlight.