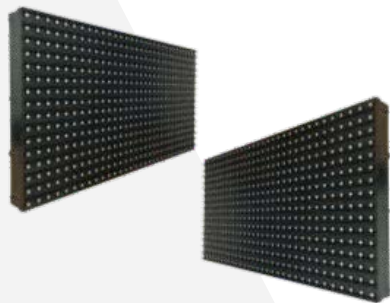


Specification P2.5 outdoor High level

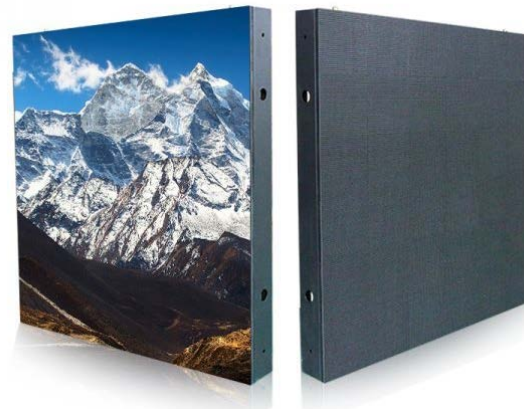


MODULE

Size	: 320*160 mm
Pixel Pitch (mm)	: 2.5 mm
Resolution (Width*height)	: 128*64
Pixel Density (Pixel/m2)	: 16,000
LED configuration	: 1R1G1B
Type	: Outdoor : fix
Material	: Iron
Weight	: 42 KG

Other main specification

Brightness (MAX)	: 5,000 cd
Resolution	: 16000dots/sqm
LED lamp	: Lamp nation star
IC	: ICN 2049
Chips	: nation star
Power supply	: RD power
Viewing angle (°)	: Horizontal /vertical : 140/140
Best viewing distance	: > 1 meters
Gray scale (MAX)	: 14-16 bit
Gray scale per color	: 65536
Refresh rate	: 3840 hz
Service	: Backside
Contrast	: 8000:1
IP rating	: IP65
Frame rate	: 50 or 60 Hertz
Working voltage	: 110~240 Volt



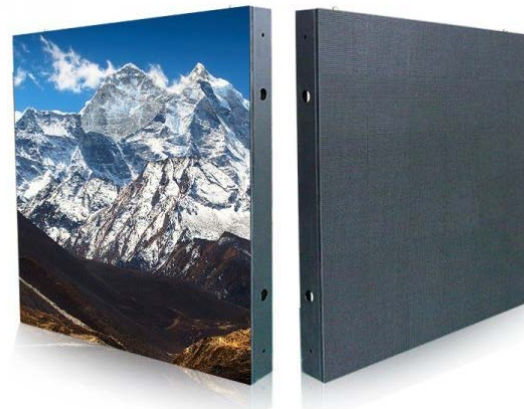
Communication medium and controlling distance	: Net Cable: < 100m Multi-model Fiber Optic<500m, Single Fiber Optic<20KM,
Support Input	: AV, S-Video,VGA,DVI,YPbPr,HDMI,SDI
Computer	: Windows (2000/XP/Vista/7/8/10)
Lifetime Typical Value	: ≥100000

Specification P2.5 semi outdoor High level



Other main specification

Brightness (MAX)	: 3,500 nits
Resolution	: 16000dots/sqm
LED lamp	: Lamp nation star
IC	: ICN 2049
Chips	: nation star
Power supply	: C.H.power
Viewing angle (°)	: Horizontal /vertical : 160/140
Best viewing distance	: > 1 meters
Gray scale (MAX)	: 24 bit
Gray scale per color	: 65536
Refresh rate	: 3840 hz
Service	: front service
Contrast	: 8000:1
IP rating	: IP65
Frame rate	: 50 or 60 Hertz
Working voltage	: 110~240 Volt



MODULE

Size	: 160*160 mm
Pixel Pitch (mm)	: 2.5 mm
Resolution (Width*height)	: 64*64
Pixel Density (Pixel/m2)	: 16,000
LED configuration	: 1R1G1B
Type	: Semi outdoor
Material	: Iron
Weight	: 42 KG

Communication medium and controlling distance	: Net Cable: < 100m Multi-model Fiber Optic<500m, Single Fiber Optic<20KM,
Support Input	: AV, S-Video,VGA,DVI,YPbPr,HDMI,SDI
Computer	: Windows (2000/XP/Vista/7/8/10)
Lifetime Typical Value	: ≥100000

Specification P3.91 outdoor High level



MODULE

Size (Width*height*Depth)	: 250*250
Pixel Pitch (mm)	: 3.91
Brand	: SMD1921
Resolution (Width*height)	: 64*64
Pixel Density (Pixel/m2)	: 65,536
LED configuration	: SMD1921

Other main specification

Brightness (MAX)	: 7500cd/m ²
LED lamp	: smd1921-Nation star
LED driver	: ICN2038s
Power supply	: Chuanglian
Weight	: 42 kg/m ²
Max consumption	: 800 w/m ²
Average consumption	: 260 w/m ²
Service	: Backside
Viewing angle (°)	: Horizontal /vertical : 130°/130°
Best viewing distance	: 3.91 meters
Gray scale	: Max :15bit
Refresh rate	: 1920 Hertz
Frame rate	: 50 or 60 Hertz
Working voltage	: 110~240 Volt
Water proof	: Front IP65



Communication medium and controlling distance	: Net Cable: < 100m Multi-model Fiber Optic<500m, Single Fiber Optic<20KM,
Support Input	: AV, S-Video,VGA,DVI,YPbPr,HDMI,SDI
Computer	: Windows (2000/XP/Vista/7/8/10)

Specification P4 outdoor SMD

High level I save energy type I



MODULE

Size (Width*height*Depth)	: 256*128
Pixel Pitch (mm)	: 4
Brand	: SMD1921
Resolution (Width*height)	: 64*32
Pixel Density (Pixel/m2)	: 62,500
LED configuration	: SMD1921

Other main specification

Brightness (MAX)	: 6500 cd/m ²
LED lamp	: Nation star
LED Chip	: Nationstar (TCB16mm)
IC	: MBI 5124
Power supply	: meanwell
Weight	: 48 kg/m ²
Max consumption	: 600 w/m ²
Average consumption	: 170 w/m ²
temperature light	: -20°C - 85°C
Service	: front service
Operating temperature	: -20°C----+50°C (Customized power supply: -45°C---+60°C)
Humidity	: 10%-95%RH
Viewing angle (°)	: Horizontal /vertical : 120°/120°
Best viewing distance	: 4 meters
Gray scale	: Max:16bit
Refresh rate	: 960-1920 Hertz
Frame rate	: 50 or 60 Hertz
Working voltage	: 110 ~ 240 Volt
Waterproof	: Front IP65



Communication medium and controlling distance	: Net Cable: < 100m Multi-model Fiber Optic<500m, Single Fiber Optic<20KM,
Support Input	: AV, S-Video,VGA,DVI,YPbPr,HDMI,SDI
Computer	: Windows (2000)XP/Vista/7/8/10)

Specification P4 outdoor SMD



LEDPROCENTER

ศูนย์กลางให้บริการ LED ที่ดีที่สุดในประเทศไทย



MODULE

Size (Width*height*Depth)	: 256*128
Pixel Pitch (mm)	: 4
Brand	: SMD1921
Resolution (Width*height)	: 64*32
Pixel Density (Pixel/m2)	: 62,500
LED configuration	: SMD1921

Other main specification

Brightness (MAX)	: 6000 cd/m ²
LED lamp	: SMD 1921-Nation star
LED driver	: MBI5124
Power supply	: chuanguan
Weight	: 48 kg/m ²
Max consumption	: 900 w/m ²
Average consumption	: 300 w/m ²
Service	: Backside
Operating temperature	: -20°C----+50°C (Customized power supply: -45°C---+60°C)
Humidity	: 10%-95%RH
Viewing angle (°)	: Horizontal /vertical : 120°/120°
Best viewing distance	: 4 meters
Gray scale	: Max:16bit
Refresh rate	: 960-1920 Hertz
Frame rate	: 50 or 60 Hertz
Working voltage	: 110 ~ 240 Volt
Waterproof	: Front IP65



Communication medium and controlling distance	: Net Cable: < 100m Multi-model Fiber Optic<500m, Single Fiber Optic<20KM,
Support Input	: AV, S-Video,VGA,DVI,YPbPr,HDMI,SDI
Computer	: Windows (2000/XP/Vista/7/8/10)

Specification P5 outdoor high specification



MODULE

Size (Width*height*Depth)	: 160*160mm
Pixel Pitch (mm)	: 5
Brand	: SMD2727
Resolution (Width*height)	: 32*32
Pixel Density (Pixel/m2)	: 40000
LED configuration	: SMD2727

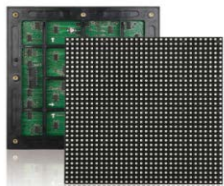
Other main specification

Brightness (MAX)	: 6500 cd/m ²
LED lamp	: SMD2727
LED driver	: MBI5124
Power supply	: CH. Power
Weight	: 42kg/m ²
Max consumption	: 800w/m ²
Average consumption	: 260w/m ²
Service	: Backside
Operating temperature	: '-20°C-70°C
Humidity	: 10%-90%
Viewing angle (°)	: Horizontal /vertical : 130°/130°
Best viewing distance	: 5 meters
Gray scale	: Max:16bit
Refresh rate	: 1920 Hertz
Frame rate	: 50 or 60 Hertz
Working voltage	: 110 ~ 240 Volt
Waterproof	: Front IP65



Communication medium and controlling distance	: Net Cable: < 100m Multi-model Fiber Optic<500m, Single Fiber Optic<20KM,
Support Input	: AV, S-Video,VGA,DVI,YPbPr,HDMI,SDI
Computer	: Windows (2000)XP/Vista/7/8/10,

Specification P6 Outdoor SMD High level



MODULE

Size (Width*height*Depth)	: 192*192mm
Pixel Pitch (mm)	: 6
Brand	: Meiyad LED
Resolution (Width*height)	: 32*32
Pixel Density (Pixel/m2)	: 27,777
LED configuration	: SMD3535 3IN1

Other main specification

Brightness (MAX)	: 7000 cd/sqm
LED lamp	: Nation star
Power supply	: RD power
LED Chip	: Nation star
IC	: MBI 5124
Weight	: 43 kg/m ²
Max consumption	: 600 w/m ²
Average consumption	: 500 w/m ²
Service	: Backside
Working temperature	: 20°C ~ 60°C
Humidity	: 10 % RH ~ 90 % RH
Viewing angle (°)	: Horizontal /vertical :140/140
Best viewing distance	: 6 meters
Gray scale	: ≥ 13 bit
Refresh rate	: 1200-3840 HZ
Frame rate	: 50 or 60 Hertz
Working voltage	: 110 ~ 240 Volt
Waterproof	: Front IP65



controlling distance	: Multi-model Fiber Optic<500m,
Support Input	: AV, S-Video,VGA,DVI,YPbPr,HDMI,SDI
Computer	: Windows (2000/ XP/Vista/7/8/10)

Specification P8 outdoor SMD High Level



MODULE

Size (Width*height*Depth)	: 256*128
Pixel Pitch (mm)	: 8
Brand	: SMD3535
Resolution (Width*height)	: 32*16
Pixel Density (Pixel/m2)	: 15,625
LED configuration	: SMD3535

Other main specification

Brightness (MAX)	: 7500-8500cd/m ²
LED lamp	: Nation star
LED Chip	: Nation star
Power supply	: Meanwell
LED driver	: IC MBI5124
Weight	: 48 kg/m ²
Max consumption	: 590w/m ²
Average consumption	: 206w/m ²
Service	: Backside
Operating temperature	: -20°C-70°C
Humidity	: 10%-90%
Viewing angle (°)	: Horizontal /vertical : 120°/120°
Best viewing distance	: 5 meters
Gray scale	: Max:16bit
Refresh rate	: 960-1920 Hertz
Frame rate	: 50 or 60 Hertz
Working voltage	: 110 ~ 240 Volt
Waterproof	: Front IP65



Communication medium and controlling distance	: Net Cable: < 100m Multi-model Fiber Optic<500m, Single Fiber Optic<20KM,
Support Input	: AV, S-Video,VGA,DVI,YPbPr,HDMI,SDI
Computer	: Windows (2000)XP/Vista/7/8/10,

Specification P10 SMD Outdoor High level



Other main specification

Brightness (MAX)	: 7500-8500 cd/sqm
LED lamp	: nation star
LED Chip	: nationstar
Power supply	: RD power
IC	: MBI
Weight	: 40 kg/m ²
Max consumption	: 650 w/m ²
Average consumption	: 350 w/m ²
Working temperature	: -30/+85
Viewing angle (°)	: Horizontal /vertical :110/45
Best viewing distance	: 10 meters
Gray scale	: 13bit max 15 bit (8000g)
Refresh rate	: 1780 Hertz Max2400 Hertz
Color Contrast	: 6000-8000grade
Frame rate	: 50 or 60 Hertz
Working voltage	: 110 ~ 240 Volt
Waterproof	: Front/Rear IP65



MODULE

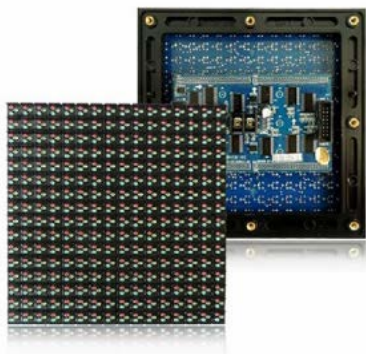
Size (Width*height*Depth)	: 160*160 mm
Pixel Pitch (mm)	: 10
Brand	: Meiyad LED
Resolution (Width*height)	: 16*16
Pixel Density (Pixel/m2)	: 10000
LED configuration	:1R1G1B (Optical Grade Epoxy)

controlling distance	: Net Cable :<100m Multi-model Fiber Optic<500m, Single Fiber Optic <20KM,
Life time	:100,000 Hr.
Support Input	: AV, S-Video,VGA,DVI,YPbPr,HDMI,SDI
Computer	: Windows (2000/XP/Vista/7/8/10)

Specification P10 Outdoor DIP



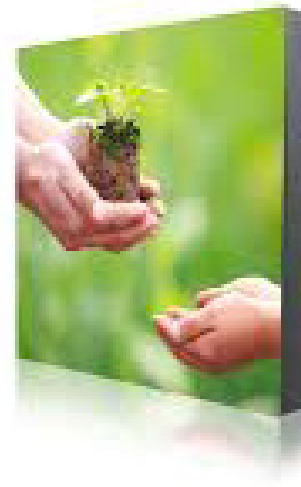
Other main specification



MODULE

Size (Width*height*Depth)	: 160*160 mm
Pixel Pitch (mm)	: 10
Brand	: Meiyad LED
Resolution (Width*height)	: 16*16
Pixel Density (Pixel/m2)	: 10000
LED configuration	: 1R1G1B (Optical Grade Epoxy)

Brightness (MAX)	: 8500 cd/sqm
LED lamp	: DIP346
LED Chip	: Epistar
Power supply	: Meanwell
IC	: MBI5124
Weight	: 40 kg/m ²
Max consumption	: 650 w/m ²
Average consumption	: 350 w/m ²
Working temperature	: -30/+85
Viewing angle (°)	: Horizontal /vertical :110/45
Best viewing distance	: 10 meters
Gray scale	: 13bit max 15 bit (8000g)
Refresh rate	: 1780 Hertz Max2400 Hertz
Color Contrast	: 6000-8000grade
Frame rate	: 50 or 60 Hertz
Working voltage	: 110 ~ 240 Volt
Waterproof	: Front/Rear IP65



controlling distance	: Net Cable : <100m Multi-model Fiber Optic <500m, Single Fiber Optic <20KM,
Life time	: 100,000 Hr.
Support Input	: AV, S-Video, VGA, DVI, YPbPr, HDMI, SDI
Computer	: Windows (2000/XP/Vista/7/8/10)

Specification P10 DIP Nichia



MODULE

Size (Width*height*Depth)	: 320*160 mm
Pixel Pitch (mm)	: 10
Brand	: Meiyad LED
Resolution (Width*height)	: 32*16
Pixel Density (Pixel/m2)	: 10000
LED configuration	: 1R1G1B (Optical Grade Epoxy)

Other main specification

Brightness (MAX)	: 8500 cd/sqm
LED lamp	: nichia (produce by japan)
LED Chip	: nichia
Power supply	: New star
IC	: MBI5124
Weight	: 10 kg/m ²
Max consumption	: 650 w/m ²
Average consumption	: 350 w/m ²
Working temperature	: -30/+85
Humidity	: 10 % RH ~ 90 % RH
Viewing angle (°)	: Horizontal /vertical :110/45
Best viewing distance	: 10 meters
Gray scale	: ≥ 13 bit
Refresh rate	: 1200-3840 HZ
Color Contrast	: 6000-8000 grade
Brightness Contrast	: 100 grade
Frame rate	: 50 or 60 Hertz
Working voltage	: 110 ~ 240 Volt
Waterproof	: Front/Rear IP65

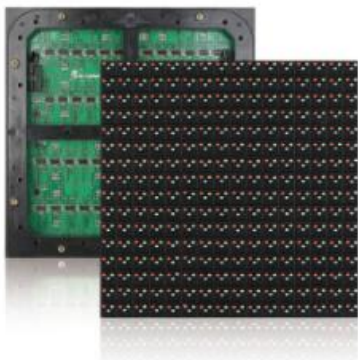


controlling distance	: Net Cable : <100m Multi-model Fiber Optic <500m, Single Fiber Optic <20KM,
Life time	: 100,000 Hr.
Support Input	: AV, S-Video, VGA, DVI, YPbPr, HDMI, SDI
Computer	: Windows (2000/XP/Vista/7/8/10)

Specification P16 Outdoor DIP-Iron cabinet



Other main specification



MODULE

Size (Width*height*Depth) : 256*256 mm
Pixel Pitch (mm) : 16
Brand : DIP346
Resolution (Width*height) : 16*16
Pixel Density (Pixel/m2) : 3,906
LED configuration : 1R1G1B

Brightness (MAX) : 8500 cd/sqm
LED lamp : DIP 346
LED Driver : MBI5124
Power supply : Meanwell
Service : Backside
Viewing angle (°) : Horizontal /vertical : 120°/60°
Best viewing distance : 16 meters
Gray scale : Max : 16 bit
Refresh rate : 1920 Hertz
Working voltage : 220 volt
Waterproof : Front IP65



controlling distance : Net Cable : <100m
Multi-model Fiber Optic <500m,
Single Fiber Optic <20KM,
Life time : 100,000 Hr.
Support Input : AV, S-Video, VGA, DVI, YPbPr, HDMI, SDI
Computer : Windows (2000, XP, Vista, 7/8/10)