

# AeroV Front-access Outdoor Series



## Fixed Outdoor Signage

This is the traditional front-access outdoor led display screen, designed for some special locations where there is no more space for rear maintenance. It can also help save a lot of space. The module fast lock makes it super easy and fast to assemble and disassemble. It only takes you 8 seconds. With this, you may save a lot of time and labor cost. The private module design makes perfect flatness on the surface and minimize the gap between the modules and cabinets. The sharp module chamfer and seamless module connection can have the cabinets customized as the concave and convex led display screen.

- High Contrast
- High Brightness
- High Refresh Rate
- Front and Rear Access
- Low Noise
- Low Power Consumption
- Low Light Pollution
- Concave and Convex Solution



### Application

- Shopping mall entrance sign
- Advertising billboard
- Building facade sign
- Commercial sign
- Window sign
- Traffic sign



IP65



Pillar-installation



Wall-mounting



Front-maintenance

# FRONT-ACCESS FIXED OUTDOOR

## Specification Sheet

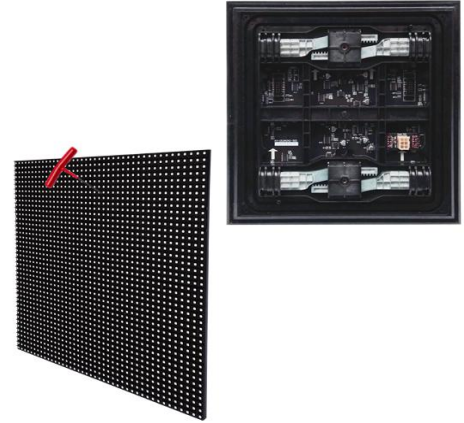
Parameter	Unit	AV-5.9F	AV-7.8F	AV-10F
Pixel Pitch	mm	5.95	7.81	10.41
Pixel Configuration	R/G/B	SMD 3-in-1 outdoor		
LED Size	mm	SMD2727	SMD3535	SMD3535
Wavelength	nm	Red:620-625; Green:520-525; Blue470-475		
Pixel per Module (W x H)	Pixels	42X42	32X32	24X24
Module Size/Weight	mm/kg	250x250mm/0.95kg		
Pixel per Cabinet (W x H)	Pixels	168x168	128x128	96x96
Cabinet Size/Weight	mm/kg	1000x1000mm/55kg		
Brightness	nits	≥6000	≥6000	≥5000
Color Temperature	deg.K	3000-9500		
Viewing Angle - Horizontal	deg.	110		
Viewing Angle - Vertical	deg.	110		
IP (Front/Rear)	IP	IP65/IP54		
Operating Temp. Range	deg. C	-20 to +50		
Operating Humidity Range	HR	10% to 90%		
Storage Temperature	deg.C	-40 to +60		
Pixels per sq. meter		28,244	16,384	9,216
Minimum Viewing Distance	m	5.90	7.80	10.40
Colors		4.4 Trillion		
Gray Scale	Levels	16384		
Brightness Control	Levels	100		
Color Depth	bit	14		
Frame Rate	Hz	60		
Display Refresh Rate	Hz	1200		
Drive Mode		1/7S	1/4S	1/4S
Drive Voltage(DC)	V	4.5 ~ 5.5		
Input Voltage	VAC	110 to 220@ 50-60 Hz		
Max Cabinet Current Input	A	5		
Input Power (max/avg)	W/sqm	600/240	600/240	600/240
Lifetime (50% brightness)	Hours	≥40000		
Module Brightness Uniformity		< 5%		
Earth Leakage Current	mA	< 2		
Panel Input Format		VGA,DVI,RGBHV,PbPr(HDTV),Composite, S-Video,TV		
Data Interconnection		CAT6 cable		
Operating System		Windows(Pro 7, 8)		
Noise	dB	55		
Control Distance		Up to 100meters by CAT6 cable, multimode fiber up to 500meters,single fiber up to10 kilometers		

\*Specification subjected to change without prior notice

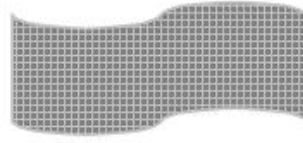
# FRONT-ACCESS FIXED OUTDOOR

## Amazing performance-to-price

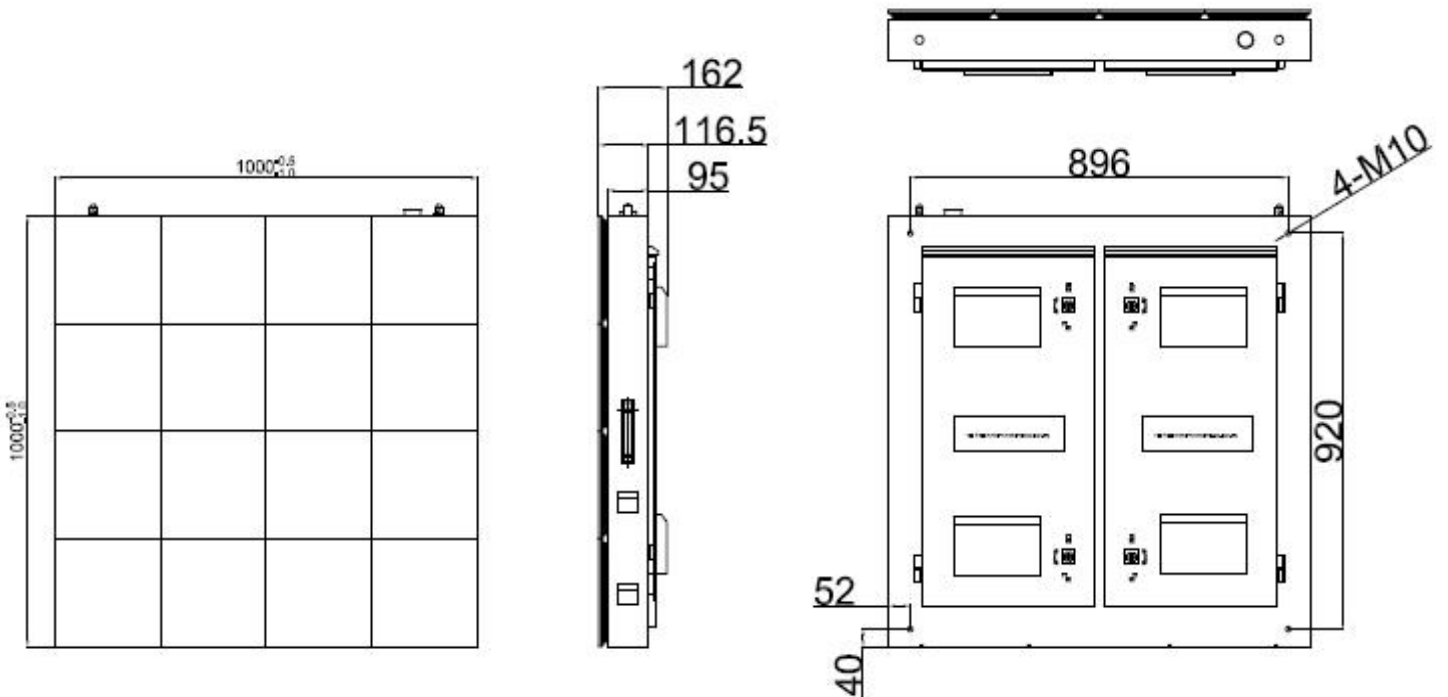
- Nationstar gold-line SMD LEDs to achieve higher reliability
- 90° combination sign with gap distance less than 6.1mm
- Various for concave, convex and column assembly
- High contrast & high precision upon private tool
- Easy for front maintenance via hexwrench
- Quality against 2-year warranty
- IP65



90° combination



## 2D Drawings

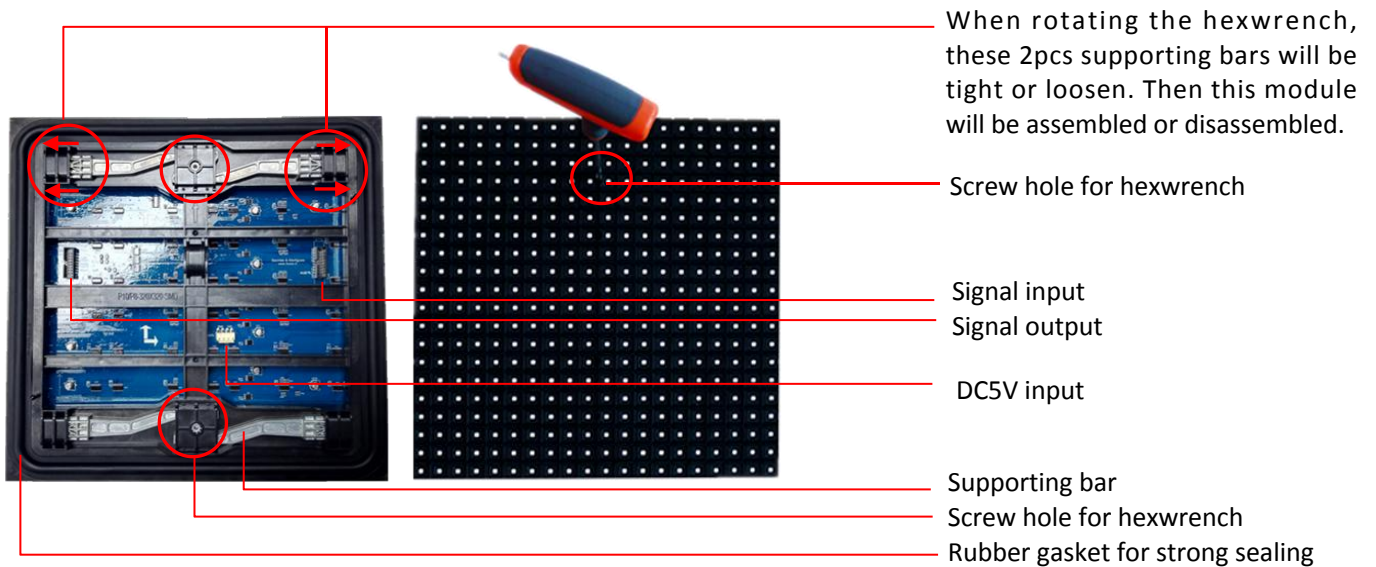


Unit: mm

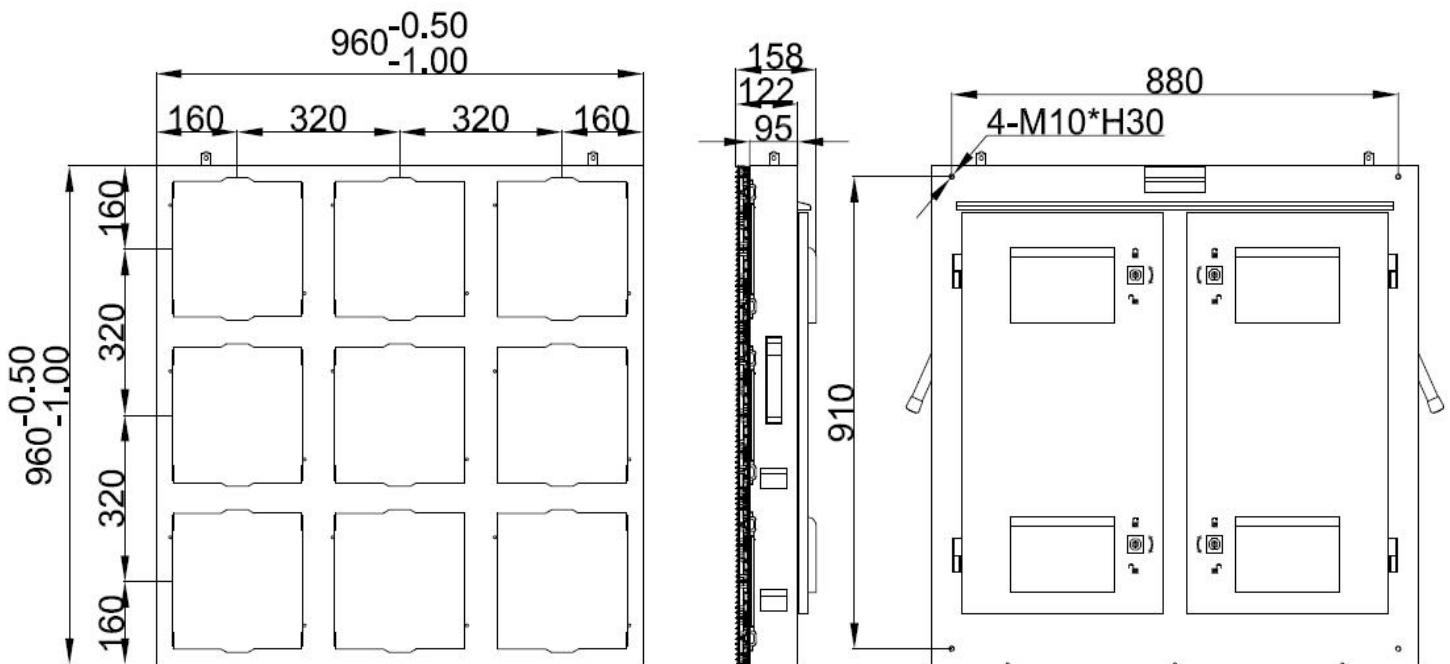
# FRONT-ACCESS FIXED OUTDOOR

## Amazing performance-to-price

- Each module in size 320x320mm
- Nationstar gold-line SMD LEDs to achieve high reliability
- Quick installation (8 seconds) for front-access via hexwrench
- High contrast & high precision upon private tool
- Quality against 2-year warranty
- IP65



## 2D Drawings



Unit: mm

# FRONT-ACCESS FIXED OUTDOOR

## Specification Sheet

Parameter	Unit	AV-6.67F	AV-8F	AV-10F
Pixel Pitch	mm	6.667	8	10
Pixel Configuration	R/G/B	SMD 3-in-1 Outdoor		
LED Size	mm	SMD2727	SMD3535	SMD3535
Wavelength	nm	Red:620-625; Green:520-525; Blue:470-475		
Pixel per Module (W x H)	Pixels	48x48	40x40	32x32
Module Size/Weight	mm/kg	320x320mm/1.5kg		
Pixel per Cabinet (W x H)	Pixels	144x144	120x120	96x96
Cabinet Size/Weight	mm/kg	960x960mm/55kg		
Brightness	nits	6500	6500	6000
Color Temperature	deg.k	3000-9500		
Viewing Angle - Horizontal	deg.	110		
Viewing Angle - Vertical	deg.	110		
IP (Front/Rear)	IP	IP65/IP54		
Operating Temp. Range	deg. C	-20 to +50		
Operating Humidity Range	HR	10% to 90%		
Storage Temperature	deg.C	-40 to +60		
Pixels per sq. meter		22,500	15,625	10,000
Minimum Viewing Distance	m	7	8	10
Colors		4.4 Trillion		
Gray Scale	Levels	16384		
Brightness Control	Levels	100		
Color Depth	bit	14		
Frame Rate	Hz	60		
Display Refresh Rate	Hz	1200		
Drive Mode		1/6S	1/4S	1/4S
Drive Voltage(DC)	V	4.5 ~ 5.5		
Input Voltage	VAC	110 to 220@ 50-60 Hz		
Max Cabinet Current Input	A	5		
Input Power (max/avg)	W/sqm	600/240	600/240	600/240
Lifetime (50%Brightness)	Hours	≥40000		
Module Brightness Uniformity		< 5%		
Earth Leakage Current	mA	< 2		
Panel Input Format		VGA,DVI,RGBHV,PbPr(HDTV), Composite, S-Video,TV		
Data Interconnection		CAT6 cable		
Operating System		Windows(Pro 7, 8)		
Noise	dB	55		
Control Distance		Up to 100meters by CAT6 cable, multimode fiber up to 500meters,single fiber up to10 kilometers		

\*Specification subjected to change without prior notice.