AP1 Series

Outdoor LED Display Banner –P2.5, P3, P3.9, P4.4,P4.8, P6.67, P8, P10

Light Weight

Thin Screen

Various Designs

Stable Performance

High Brightness

Easy Operation

Outdoor Advertisements Player

AP1 series are our outdoor advertising player LED display products. They are also called totem LED displays, which are usually used in shopping plaza, train station, airport, etc.

It aims at different kinds of outdoor advertisements. The pixel pitches are P2.5, P3,P3.9, P4.4, P4.8, P6.67, P8 and P10.
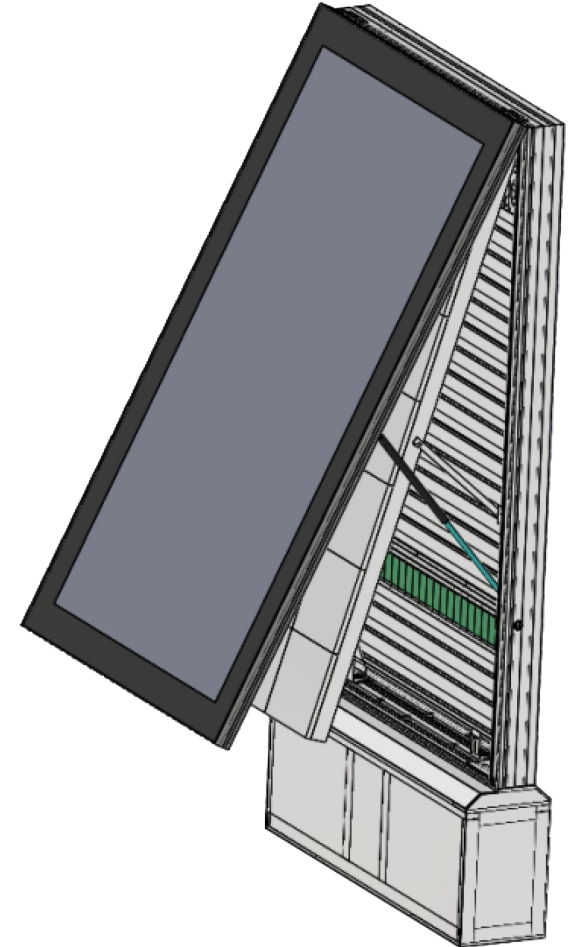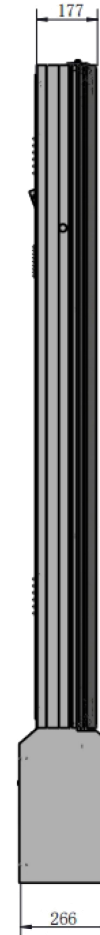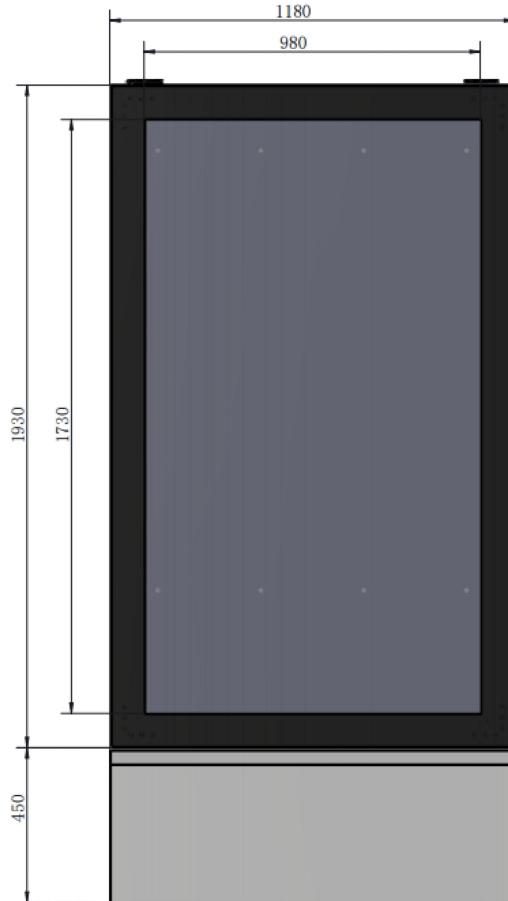
Double-sided Advertising Banner

Both single-sided and double-sided totem are available. The latter one expands the visibility and can be seen by pedestrains coming and going in both directions. The thicknesss is only 228mm.

PREMTECO
INNOVATIVE VISUAL TECHNOLOGIES

LED module

120fan

air outtake (shutter)

aluminum backboard

6mm stalinite

air intake (shutter)

dust-proof net

triangle lock

cover plate

NetScreen
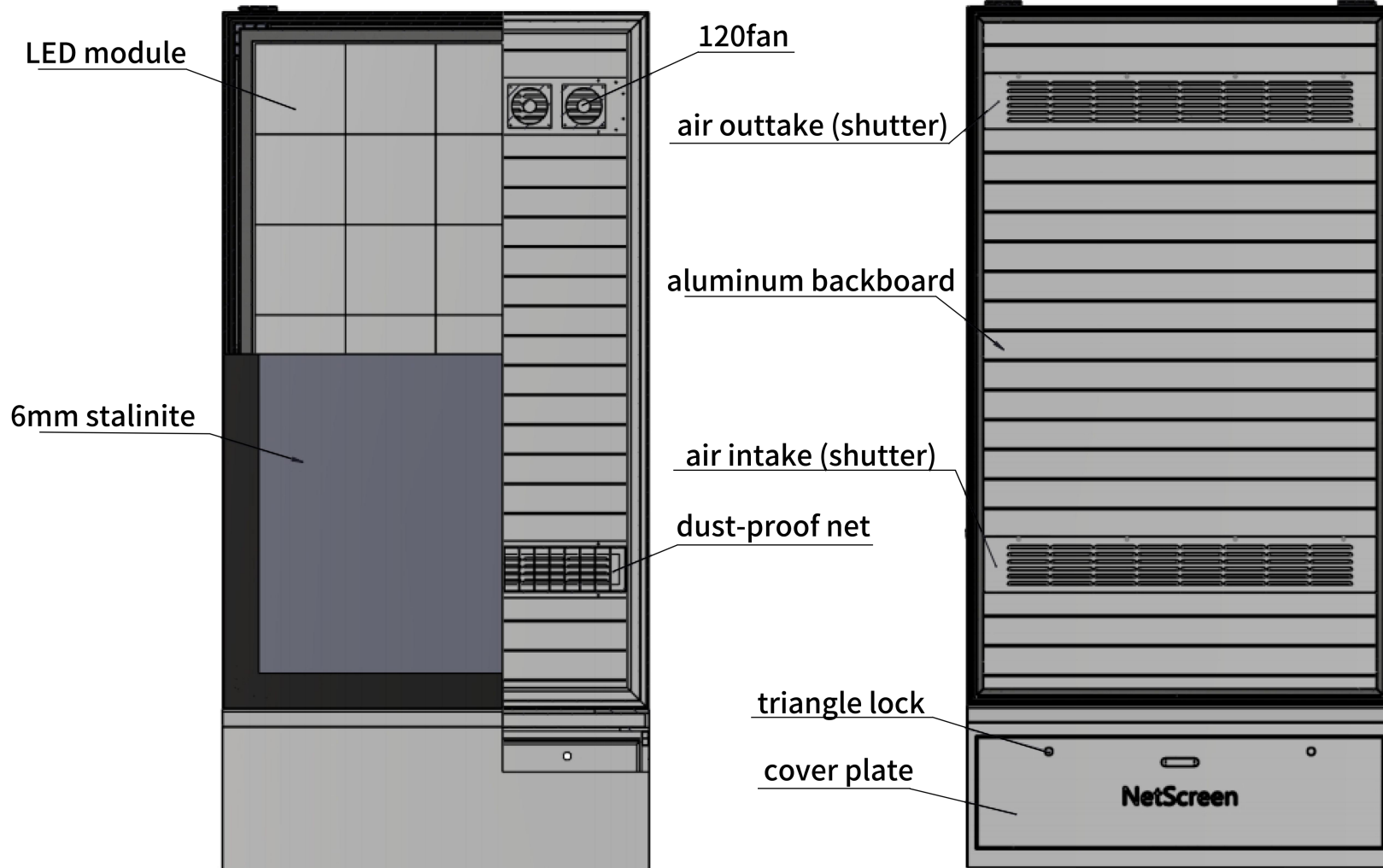
High Technical Parameter

Our outdoor digital LED screens use very good materials: the aluminum backboard for heat dissipation and the 6mm stalinite in the front part of screen protects the leds very well.

- **Gray scale 16 bits**
- **IP65**
- **Refresh rate 3840Hz**

High Brightness

Advanced LED materials are used and the brightness of the screen can be up to 6000nits. The display has very good clarity in sunlight.

Easy Operation

The screen can support Wi-Fi, CAT5, and even remote control via internet. It can run videos, images, texts, etc. without computers after the display content is uploaded.

Application Fields

To fit every different scene, our products utilize superior materials with the concise and strong structure. This product is usually used in:

- **Mall Advertisement;**
- **Outdoor Advertising;**
- **Digital Out Of Home(DOOH).**

AP1 Parameters

Item	P2.5	P3.07	P3.91	P4.4
Pixel Pitch	2.5mm	3.07mm	3.91mm	4.4mm
LED Type	SMD1415	SMD1415	SMD1921	SMD2727
Module Resolution	128dots × 64dots	104dots × 52dots	64dots × 64dots	72dots × 72dots
Driving Mode	1/14scan	1/16scan	1/8scan	1/8scan
Module Pixels	8,192dots	5,408dots	4,096dots	5,184dots
Module Size	320mm × 160mm	320mm × 160mm	250mm × 250mm	320mm × 320mm
Panel display Size	640mm × 640mm	960mm × 960mm	1,000mm × 1,000mm	1,280mm × 1,280mm
Panel display Resolution	256dots × 256dots	312dots × 312dots	256dots × 256dots	288dots × 288dots
Pixel Density	160,000dots/㎡	105,625dots/㎡	65,536dots/㎡	50,625dots/㎡
Minimum Viewing Distance	≥2.5m	≥3m	≥3.9m	≥4.4m
Brightness	5,000nits ~ 8,500nits	5,000nits ~ 8,500nits	5,000nits ~ 8,500nits	5,500nits ~ 9,000nits
IP Grade	IP65	IP65	IP65	IP65
Refresh Rate	1,920Hz ~ 3,840Hz	1,920Hz ~ 3,840Hz	1,920Hz ~ 3,840Hz	1,920Hz ~ 3,840Hz
Gray Scale	13bits ~ 24bits	13bits ~ 24bits	13bits ~ 24bits	13bits ~ 24bits
Viewing Angle	H:120° / V:120°	H:120° / V:120°	H:120° / V:120°	H:120° / V:120°
Maximum Power Consumption	600-850W/㎡	600-850W/㎡	450-850W/㎡	450-850W/㎡
Average Power Consumption	283W/㎡	283W/㎡	150W/㎡	150W/㎡
Input Voltage	AC220V ~ AC110V @ 50Hz / 60Hz	AC220V ~ AC110V @ 50Hz / 60Hz	AC220V ~ AC110V @ 50Hz / 60Hz	AC220V ~ AC110V @ 50Hz / 60Hz
Operating Temperature	- 20℃ ~ 60℃	- 20℃ ~ 60℃	- 20℃ ~ 60℃	- 20℃ ~ 60℃
Operating Humidity	10% ~ 90%	10% ~ 90%	10% ~ 90%	10% ~ 90%
Cabinet Material	Die-casting	Die-casting	Iron	Aluminum
Weight of Machine	33kg/m²	33kg/m²	50kg/m²	29kg/m²
Dimension of Machine	640mm(w) x 640mm(h) x 130mm(d)	960mm(w) x 960mm(h) x 130mm(d)	1000mm(w) x 1000mm(h) x 130mm(d)	1280mm(w) x 1280mm(h) x 130mm(d)
Operating System	Windows (Win7, Win8, etc.)	Windows (Win7, Win8, etc.)	Windows (Win7, Win8, etc.)	Windows (Win7, Win8, etc.)
Signal Source Compatibility	DVI, HDMI1.3, DP1.2, SDI, HDMI2.0, etc.	DVI, HDMI1.3, DP1.2, SDI, HDMI2.0, etc.	DVI, HDMI1.3, DP1.2, SDI, HDMI2.0, etc.	DVI, HDMI1.3, DP1.2, SDI, HDMI2.0, etc.

AP1 Parameters

Item	P4.8	P6.67	P8	P10
Pixel Pitch	4.8mm	6.67mm	8mm	10mm
LED Type	SMD2727	SMD2727	SMD2727	SMD2727
Module Resolution	52dots × 52dots	48dots × 48dots	40dots × 40dots	32dots × 32dots
Driving Mode	1/8scan	1/8scan	1/8scan	1/8scan
Module Pixels	2704dots	2,304dots	1,60dots	1,024dots
Module Size	250mm × 250mm	320mm × 320mm	320mm × 320mm	320mm × 320mm
Panel display Size	1000mm × 1,000mm	1,280mm × 1,280mm	1,280mm × 1,280mm	1,280mm × 1,280mm
Panel display Resolution	208dots × 208dots	192dots × 192dots	160dots × 160dots	128dots × 128dots
Pixel Density	43,264dots/㎡	22,500dots/㎡	15,625dots/㎡	10,000dots/㎡
Minimum Viewing Distance	≥4.8m	≥6.7m	≥8m	≥10m
Brightness	5,000nits ~ 8,500nits	5,500nits ~ 9,000nits	5,500nits ~ 9,000nits	5,500nits ~ 9,000nits
IP Grade	IP65	IP65	IP65	IP65
Refresh Rate	1,920Hz ~ 3,840Hz	1,920Hz ~ 3,840Hz	1,920Hz ~ 3,840Hz	1,920Hz ~ 3,840Hz
Gray Scale	13bits ~ 24bits	13bits ~ 24bits	13bits ~ 24bits	13bits ~ 24bits
Viewing Angle	H:120° / V:120°	H:120° / V:120°	H:120° / V:120°	H:120° / V:120°
Maximum Power Consumption	450-850W/㎡	450-850W/㎡	450-850W/㎡	450-850W/㎡
Average Power Consumption	150W/㎡	150W/㎡	150W/㎡	150W/㎡
Input Voltage	AC220V ~ AC110V @ 50Hz / 60Hz	AC220V ~ AC110V @ 50Hz / 60Hz	AC220V ~ AC110V @ 50Hz / 60Hz	AC220V ~ AC110V @ 50Hz / 60Hz
Operating Temperature	- 20℃ ~ 60℃	- 20℃ ~ 60℃	- 20℃ ~ 60℃	- 20℃ ~ 60℃
Operating Humidity	10% ~ 90%	10% ~ 90%	10% ~ 90%	10% ~ 90%
Cabinet Material	Iron	Aluminum	Aluminum	Aluminum
Weight of Machine	50kg/m²	29kg/m²	29kg/m²	29kg/m²
Dimension of Machine	1000mm(w) x 1000mm(h) x 130mm(d)	1280mm(w) x 1280mm(h) x 130mm(d)	1280mm(w) x 1280mm(h) x 130mm(d)	1280mm(w) x 1280mm(h) x 130mm(d)
Operating System	Windows (Win7, Win8, etc.)	Windows (Win7, Win8, etc.)	Windows (Win7, Win8, etc.)	Windows (Win7, Win8, etc.)
Signal Source Compatibility	DVI, HDMI1.3, DP1.2, SDI, HDMI2.0, etc.	DVI, HDMI1.3, DP1.2, SDI, HDMI2.0, etc.	DVI, HDMI1.3, DP1.2, SDI, HDMI2.0, etc.	DVI, HDMI1.3, DP1.2, SDI, HDMI2.0, etc.