



LED POSTERS · CONCERT WALLS · INSTALLS · BILLBOARDS
OUTSIDETHEBOXDISTRIBUTION.COM

OUTDOOR FIXED-INSTALL

AF PRO SERIES

ALL-ALUMINUM OUTDOOR LED

PERMANENT OUTDOOR · DOOH · FACADE · SIGNAGE



All-aluminum outdoor LED that sheds heat, sheds weather, and services from either side.

FACTORY-DIRECT · US WAREHOUSE & 2-YEAR US WARRANTY · PRODUCT BROCHURE

BUILT FOR PERMANENT OUTDOOR

Outdoor fixed-install LED built around an all-aluminum cabinet: corrosion-resistant, rigid, and quick to move heat away from the LEDs without cabinet air conditioning. Ten pixel pitches from P2.97 to P10.42 across two cabinet sizes, front and rear serviceable, IP65 rated, and driven by NovaStar control.

P2.97 to P10.4

PIXEL PITCH

≤ 6,500

NITS BRIGHTNESS

IP65

WEATHER RATED

3,840 Hz

REFRESH

Front + Rear

SERVICE ACCESS

PERFORMANCE HIGHLIGHTS

- Sunlight-readable 5,800 to 6,500 nits with 14 to 16 bit grayscale and 160 by 140 degree viewing
- Aluminum box, bottom case, and back cover: rust-free, non-combustible, and impact-resistant
- Front and rear maintenance for wall-mounted, roadside, and structure-mounted installs
- Rated from -40 to +70 C at 10 to 85% humidity, with no cabinet air conditioning required
- Plug-and-play module replacement: the screen recognizes the program file on swap, no re-debug
- Screen temperature detection with automatic white-balance adjustment; real-time fault monitoring available as an option



ALUMINUM WHERE IT COUNTS.

Box, bottom case, and back cover are all aluminum: it will not rust, will not burn, and pulls heat out of the LEDs fast enough that no cabinet air conditioning is needed. Periodically stocked in our U.S. warehouse; inquire for availability.

ALL-ALUMINUM, FRONT OR REAR

An aluminum box, bottom case, and back cover make one rigid, rust-free cabinet that conducts heat away from the LEDs instead of trapping it. Service it from the front where there is no rear access, or from the rear on a catwalk.

78 mm

CABINET DEPTH

24 to 25 kg

CABINET WEIGHT

Aluminum

BOX, CASE, COVER

-40 to +70 °C

OPERATING RANGE



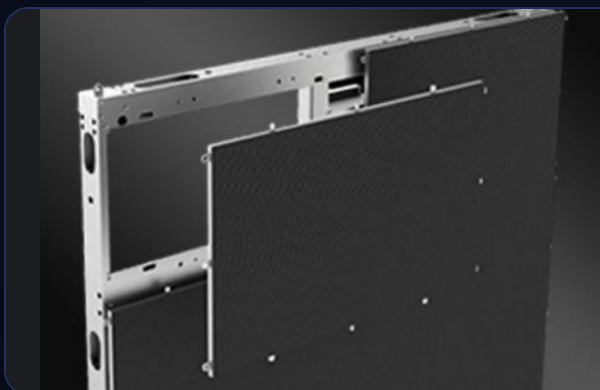
THE ALUMINUM CASE, FROM BEHIND

Handles, module locks, and the power and data spine sit on a ribbed aluminum back cover that conducts heat out of the cabinet. High strength, impact-resistant, deformation-proof, and non-combustible.



TWO CABINET FAMILIES

1000 x 1000 mm cabinets carry the P3.91 to P10.42 line; 960 x 960 mm cabinets carry P4.44 to P10. Both are 78 mm deep with seamless splicing between panels.



FRONT MAINTENANCE

Modules release from the face for wall-mounted and facade installs where the back of the screen is sealed off. Rear access stays available for catwalk and structure builds.

NO CABINET AIR CONDITIONING

Aluminum conducts heat far better than a plastic or steel enclosure, so the cabinet runs cooler and the LEDs run at lower temperature. Rated for -40 to +70 C operation at 10 to 85% humidity. Power draw is 650 W per square meter at peak and 195 W per square meter on average, from 100 to 240 V auto-ranging supplies.

FLEXIBLE SHAPES, SMART MODULES

Straight walls are the easy case. AF Pro cabinets splice at 90 degrees and on curves for corner-wrap and naked-eye 3D builds, and the module electronics keep the screen calibrated while it runs.



CURVED AND 90-DEGREE SPLICING

Cabinets join at right angles and on arcs for L-shaped corners, wrapped facades, and naked-eye 3D creative.



DOOH AT STREET LEVEL

5,800 to 6,500 nits with 160 by 140 degree viewing angles, for storefront and roadside placements that are seen from every direction.

Plug-and-play module swap

Screen temperature detection

Automatic white balance

Fault monitoring (optional)

Seamless splicing

Corner and curve builds

THE MODULE DOES THE HOUSEKEEPING.

Swap a module or a card and the screen recognizes the program file without a re-debug. Screen temperature detection drives automatic white-balance adjustment, and real-time monitoring of modules, receiving cards, and power supplies is available as an option.

Control: NovaStar receiving cards in every cabinet. Pair with a NovaStar TB40 or TB60 cloud media player for VNNXX scheduling and remote monitoring, or a VX-series processor for live sources.

TEN PITCHES, TWO CABINETS

Pick the pitch for the viewing distance. The 1000 mm cabinet line runs P3.91 to P10.42 on 500 x 250 mm modules; the 960 mm line runs P4.44 to P10 on 480 x 320 mm modules. Both share the same aluminum build, IP65 sealing, 3,840 Hz refresh, and NovaStar control.

1000 X 1000 MM CABINET LINE

	P3.91	P6.25	P7.81	P10.42
PIXEL PITCH	3.91 mm	6.25 mm	7.81 mm	10.42 mm
LED	SMD1921	SMD2727	SMD2727	SMD2727
PIXEL DENSITY (PX/M²)	65,536	25,600	16,384	9,216
MODULE RESOLUTION	128 x 64	80 x 40	64 x 32	48 x 24
BRIGHTNESS (NITS)	5,800 to 6,500	5,800 to 6,500	5,800 to 6,500	5,800 to 6,500

960 X 960 MM CABINET LINE

	P4.44	P5.7	P6.67	P8	P10
PIXEL PITCH	4.44 mm	5.7 mm	6.67 mm	8 mm	10 mm
LED	SMD2727	SMD2727	SMD2727	SMD2727	SMD2727
PIXEL DENSITY (PX/M²)	46,656	30,625	22,500	15,625	10,000
MODULE RESOLUTION	108 x 72	84 x 56	72 x 48	60 x 40	48 x 32
BRIGHTNESS (NITS)	6,000 to 6,500	6,000 to 6,500	6,000 to 6,500	6,000 to 6,500	6,000 to 6,500

P2.97 fine-pitch build: 500 x 1000 mm cabinet on 250 x 250 mm modules, 112,896 pixels per square meter, 5,800 to 6,000 nits. Built to order. A P3.91 1000 x 1000 mm cabinet resolves 256 x 256 pixels.

SPECIFICATIONS

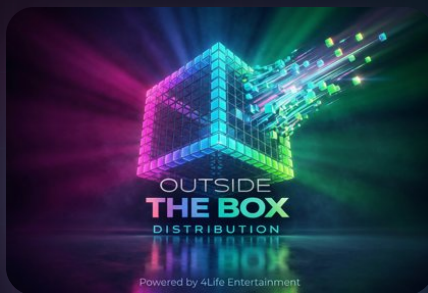
SPEC TABLE

ENVIRONMENT	Outdoor fixed install
PIXEL PITCH	P2.97 (built to order), P3.91, P4.44, P5.7, P6.25, P6.67, P7.81, P8, P10, P10.42
BRIGHTNESS	5,800 to 6,500 nits
CABINET	1000 x 1000 mm or 960 x 960 mm, 78 mm deep, all-aluminum, 24 to 25 kg (P2.97: 500 x 1000 mm)
MODULES	500 x 250 mm (1000 mm cabinet), 480 x 320 mm (960 mm cabinet), 250 x 250 mm (P2.97)
REFRESH RATE	3,840 Hz
GRAY SCALE	14 to 16 bit
VIEWING ANGLE (H/V)	160° / 140°
IP RATING	IP65
SERVICE ACCESS	Front and rear
POWER	650 W/m ² max, 195 W/m ² average, 100 to 240 V auto-ranging supplies
OPERATING ENVIRONMENT	-40 to +70 °C, 10 to 85% RH
CONTROL	NovaStar receiving cards; TB40 / TB60 cloud media players (VNNOX) or VX-series processors
WARRANTY	2-year, US-based service

APPLICATIONS

- Outdoor advertising
- Plazas and transit
- Building facades
- Storefront and DOOH
- Stadium and campus signage





THE OUTSIDE THE BOX LINE

AGC SERIES

EASY-INSTALL COMMERCIAL LED

AS SERIES

HIGH-BRIGHTNESS OUTDOOR LED

FD SERIES

FOLD-UP LED POSTERS

OE SERIES

ULTRA-LIGHTWEIGHT OUTDOOR LED

OUTDOOR KIOSK

55" ALL-WEATHER LCD SIGNAGE

RA SERIES

STAGE RENTAL SCREEN

RH PRO

HUB-CONNECT TOURING LED

RS SERIES

CONCERT-GRADE STAGE & XR LED

SP SERIES

ALL-IN-ONE P2.5 LED POSTER

SPHERE & CUSTOM

CUSTOM-GEOMETRY LED

SV2 SERIES

SEAMLESS INDOOR VIDEO WALL

OUTSIDE THE BOX DISTRIBUTION

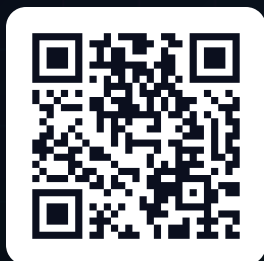
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US warehouse · product viewings by
appointment

SALES CONTACT

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AVAILABILITY

Factory-direct, made-to-order (~60-day lead) · US
fast-ship inventory rolling out · 2-year US-based
warranty



SCAN FOR THE FULL CATALOG

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QUOTES · SPEC SHEETS · CALCULATOR