LED MESH SCREEN I Zebra Series

Zebra series is outdoor LED screen with high transparency, high brightness, low power consumption, easy installation and high protection level. It is suitable for the building surface, building roof, outdoor advertising and other scenes installation.

Light Weight and Ultra-slim

No frame, inside line design, seamless
Integrated compact frame design, lightweight

Waterproof and Dustproof

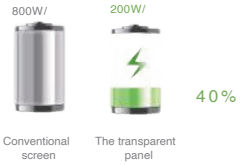
Integrated glue process design,
military-grade IP65 full protection

Easy to Maintain

Patented structural design
Easy front/Rear sevice by one person.

Lower Power Consumption

< 100W/m2(avg. power consumption)



High Transparency-55%

Less influences on indoor brightness

High and Low Temperature Protection

All-weather resistant: -
and various wet weather conditions

24h

Cabinet size

1000mm x 500mm x 90mm

1000mm x 1000mm x 90mm

Can be customized size and shaped

Application

Media facade, Building roof ,Outdoor advertising

Zebra series

- Application environment : Outdoor
- Working life : ≥100,000
- Cabinet material : Aluminum alloy
- Brightness : 1000 ~ 5000
- Installation method : Hoisting / Fixing
- Certification : CE / CCC / FCC

Transparency	Colorful	Less steel structure	Thin and light	Modular	High Brightness	120°Wide viewing angle	Stable system

Model	Zebra SMD -10.4 / 12.5	Zebra SMD -15.6	Zebra SMD -20	Zebra SMD -25	Zebra SMD -31.25	Zebra DIP -20	Zebra DIP -25	Zebra DIP -31.25	Zebra DIP -50
Pixel Pitch (H/V)	10.4-12.5mm	15.6mm	20mm	25mm	31.25mm	20mm	25mm	31.25mm	31.2mm
Pixel Configuration (SIDE)	1 x SMD2727	1 x SMD2727	1 x SMD2727	2 x SMD3535	2 x SMD3535	RGB	RGB	RGB	2R2G2B
Brightness (CD/m²)	1000 ~ 6000	1000 ~ 7000	1000 ~ 7000	1000 ~ 7000	1000 ~ 7000	7000	7000	7000	7000
Pixel Density (dot/m²)	7680	4096	2500	1600	1024	2500	1600	1024	400
Transparency	36%	48%	60%	50%	60%	52%	62%	70%	75%
Cabinet Resolution (dot)	96 x 40	64 x 64	50 x 50	40 x 40	32 x 32	50 x 50	40 x 40	32 x 32	20 x 20
Module Size (mm)	1000 x 25	1000 x 23.625	1000 x 28	1000 x 12.5	1000 x 12.5	1000 x 9.5	1000 x 9.5	1000 x 9.5	1000 x 12.5
Module Resolution	96 x 2dot	64 x 2 dot	50 x 2 dot	40 x 1 dot	32 x 1 dot	50 x 1 dot	40 x 1 dot	32 x 1 dot	20 x 1 dot
Cabinet Weight	≤18 K/gm²	≤16 K/gm²	≤16 K/gm²	≤19 K/gm²	≤17 K/gm²	≤14 K/gm²	≤17 K/gm²	≤15 K/gm²	≤13 K/gm²
Ingress Protection (Front/Back)	IP65	IP65	IP65	IP65	IP65	IP65	IP65	IP65	IP65
Viewing Angle (H/V)	120°/ 120°	120°/ 120°	120°/ 120°	120°/ 120°	120°/ 120°	H120°V60°	H120° V60°	H120° V60°	H120° V60°
Viewing Distance	>10m	>15m	>20m	>25m	>32m	>20m	>25m	>32m	>50m
Gray Scale	16 bit	16 bit	16 bit	16 bit	16 bit	16 bit	16 bit	16 bit	16 bit
Max.Power Consumption (W/m²)	700	700	700	540	460	430	300	300	180
Avg.Power Consumption (W/m²)	600	600	600	400	300	300	200	200	100
Refresh Rate (Hz)	3840	3840	3840	3840	3840	3840	3840	3840	3840
Input Voltage	AC100 ~ 240V , 50 / 60 Hz					AC100 ~ 240V , 50 / 60 Hz			
Drive Mode	Static					Static			
Control Mode	Synchronous display with control PC by DVI					Synchronous display with control PC by DVI			
Support Input	Composite , S-Vido , Component , VGA , DVI , HDMI , HD_SDI					Composite , S-Vido , Component , VGA , DVI , HDMI , HD_SDI			
Operating Temperature	-40°C (work) 50°C, -40°C (store) 60°C					-40°C (work) 50°C, -40°C (store) 60°C			
Operating Humidity	35% ~ (work) 85% , 10% (store) 90%					35% ~ (work) 85% , 10% (store) 90%			