

EASYLED OUTDOOR SERIES OF LARGE VIDEO DISPLAYS

Fields and places of application:

- Outdoor advertising
- Stadiums and other sport facilities
- Malls, banks and car dealerships
- Airports, rail and bus stations, other facilities of transport infrastructure
- Entertainment centers, casinos, night clubs, restaurants
- City information systems
- Architecture and media facades

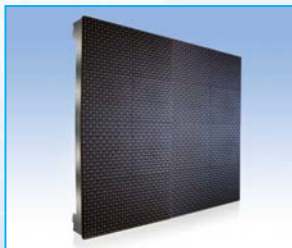
Distinctive advantages:

- **ENHANCED IMAGE QUALITY.** Incorporating EKTA cutting edge technology EasyLED video displays ensure perfect video and graphics performance with great color depth and uniformity across the entire surface of the screen.
- **PERFECT PRICE-QUALITY RATIO.** Not being secondary to EKTA professional series in most key aspects, EasyLED line takes the significant lead over competitive products in terms of price-quality ratio.
- **EFFICIENCY.** Average electricity consumption of the series is within the limits of 200-280 W/m².
- **POWERFUL PROCESSING AND CONTROL SYSTEM.** The series feature advanced 16-bit processing for each color (48 bit per pixel), high-speed data transmission, intellectual monitoring and power control system ensuring the maximum reliability for the most sophisticated visual tasks.
- **FULL PROTECTION.** EKTA outdoor video displays are fully protected from water and dust in accordance with IP65 rating (front and back). Display brand architecture and use of quality industrial components guarantee wide operating temperature range from -30° to +50° . Every screen module has a lattice frame of rugged shaders that improves display contrast ratio under the sunlight and protects its frontal surface from physical impacts. All plastic elements of EKTA displays are made from special fire-resistant materials (having V-0 classification under UL-94 standard).

ahead of the future

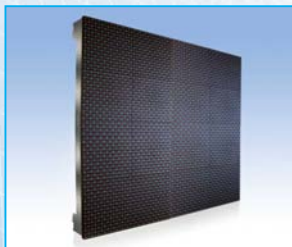


MODELS OF EASYLED OUTDOOR VIDEO DISPLAYS



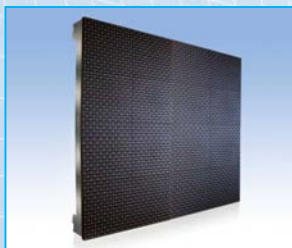
LVM 8C-vp-E

This model uses Nichia single-color DIP LEDs. Each display pixel has 4 LEDs: R (red) - 2 pieces, PG (green) - 1 piece, B (blue) - 1 piece. The virtual pixel pitch is 8 mm. The maximum brightness is 9 500 NIT, the calibrated brightness is 7 500 NIT. The minimum viewing distance is 12 m. As compared to EKTA professional displays, this model has enlarged module size, less brightness, energy consumption and price and is designed for assembling large-sized screens.



LVM 10C-vp-E

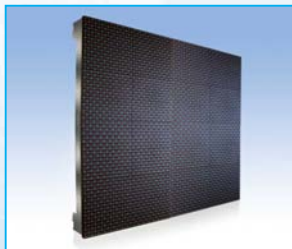
This model uses Nichia single-color DIP LEDs. Each display pixel has 4 LEDs: R (red) - 2 pieces, PG (green) - 1 piece, B (blue) - 1 piece. The virtual pixel pitch is 10 mm. The maximum brightness is 8 500 NIT, the calibrated brightness is 6 500 NIT. The minimum viewing distance is 16 m. As compared to EKTA professional displays, this model has enlarged module size, less brightness, energy consumption and price and is designed for assembling large-sized screens.



LVM 12C-vp-E

This model uses Nichia single-color DIP LEDs. Each display pixel has 4 LEDs: R (red) - 2 pieces, PG (green) - 1 piece, B (blue) - 1 piece. The virtual pixel pitch is 12 mm. The maximum brightness is 8 500 NIT, the calibrated brightness is 6 500 NIT. The minimum viewing distance is 20 m. As compared to EKTA professional displays, this model has enlarged module size, less brightness, energy consumption and price and is designed for assembling large-sized screens.

MODELS OF EASYLED OUTDOOR VIDEO DISPLAYS



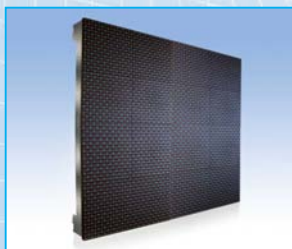
LVM 32C-4-E

This model uses Nichia single-color DIP LEDs. Each display pixel has 4 LEDs: R (red) - 2 pieces, PG (green) - 1 piece, B (blue) - 1 piece. The real pixel pitch is 32 mm. The maximum brightness is 5 000 NIT, the calibrated brightness is 4 500 NIT. The minimum viewing distance is 25 m. As compared to EKTA professional displays, this model has enlarged module size, less brightness, energy consumption and price and is designed for assembling large-sized screens.



LVM 32C-6-E

This model uses Nichia single-color DIP LEDs. Each display pixel has 6 LEDs: R (red) - 3 pieces, PG (green) - 2 pieces, B (blue) - 1 piece. The real pixel pitch is 32 mm. The maximum brightness is 8 000 NIT, the calibrated brightness is 7 000 NIT. The minimum viewing distance is 25 m. As compared to EKTA professional displays, this model has enlarged module size, less brightness, energy consumption and price and is designed for assembling large-sized screens.



LVM 40C-6-E

This model uses Nichia single-color DIP LEDs. Each display pixel has 6 LEDs: R (red) - 3 pieces, PG (green) - 2 pieces, B (blue) - 1 piece. The real pixel pitch is 40 mm. The maximum brightness is 5 500 NIT, the calibrated brightness is 5 000 NIT. The minimum viewing distance is 30 m. As compared to EKTA professional displays, this model has enlarged module size, less brightness, energy consumption and price and is designed for assembling large-sized screens.

TECHNICAL SPECIFICATIONS OF EASYLED OUTDOOR VIDEO DISPLAYS

EasyLED Outdoor		LVM 8C-vp-E	LVM 10C-vp-E	LVM 12C-vp-E
Display size		Display sizes can vary multiple to module dimensions. 4:3 or 16:9 TV format is recommended for video displays.		
Module dimensions		0,773x0,773x0,1 m	0,773x0,773x0,1 m	0,773x0,773x0,1 m
Module area		0,6 m ²	0,6 m ²	0,6 m ²
Module resolution:	virtual pixels	96x96	80x80	64x64
	real pixels	48x48	40x40	32x32
Pixel density		3 860 pixels/m ²	2 670 pixels/m ²	1 710 pixels/m ²
Pixel pitch:	virtual	8 mm	9.65 mm	12 mm
	real	16 mm	19.3 mm	24 mm
Pixel LED configuration		R – 2 pieces (Avago) PG – 1 piece (Nichia) B – 1 piece (Nichia)	R – 2 pieces (Avago) PG – 1 piece (Nichia) B – 1 piece (Nichia)	R – 2 pieces (Avago) PG – 1 piece (Nichia) B – 1 piece (Nichia)
Color processing		16 bit	16 bit	16 bit
Colors		Up to 281 trillion (48 bit)	Up to 281 trillion (48 bit)	Up to 281 trillion (48 bit)
Viewing angle:	horizontal	140°	140°	140°
	vertical	60°	60°	60°
Maximum brightness		9 500 NIT	8 500 NIT	8 500 NIT
Calibrated brightness		7 500 NIT	6 500 NIT	6 500 NIT
Refresh rate		250 Hz minimum	250 Hz minimum	250 Hz minimum
Minimum viewing distance		12 m	16 m	20 m
Lifetime		> 100 000 hours	> 100 000 hours	> 100 000 hours
Operating temperature		-30°C to +50°C	-30°C to +50°C	-30°C to +50°C
Power supply		380 V +10% -15%; 50 Hz	380 V +10% -15%; 50 Hz	380 V +10% -15%; 50 Hz
Power consumption:	average	250 W/m ²	250 W/m ²	200 W/m ²
	maximum	830 W/m ²	830 W/m ²	800 W/m ²
Module weight		23 kg	23 kg	23 kg

TECHNICAL SPECIFICATIONS OF EASYLED OUTDOOR VIDEO DISPLAYS

EasyLED Outdoor		LVM 32C-4-E	LVM 32C-6-E	LVM 40C-6-E
Display size		Display sizes can vary multiple to module dimensions. 4:3 or 16:9 TV format is recommended for video displays.		
Module dimensions		0,773x0,773x0,1 m	0,773x0,773x0,1 m	0,773x0,773x0,1 m
Module area		0,6 m ²	0,6 m ²	0,6 m ²
Module resolution		24x24	24x24	20x20
Pixel density		964 pixels/m ²	964 pixels/m ²	671 pixels/m ²
Pixel pitch		32 mm	32 mm	38,6 mm
Pixel LED configuration		R – 2 pieces (Avago) PG – 1 piece (Nichia) B – 1 piece (Nichia)	R – 3 pieces (Avago) PG – 2 pieces (Nichia) B – 1 piece (Nichia)	R – 3 pieces (Avago) PG – 2 pieces (Nichia) B – 1 piece (Nichia)
Color processing		16 bit	16 bit	16 bit
Colors		Up to 281 trillion (48 bit)	Up to 281 trillion (48 bit)	Up to 281 trillion (48 bit)
Viewing angle:	horizontal	140°	140°	140°
	vertical	60°	60°	60°
Maximum brightness		5 000 NIT	8 000 NIT	5 500 NIT
Calibrated brightness		4 500 NIT	7 000 NIT	5 000 NIT
Refresh rate		250 Hz minimum	250 Hz minimum	250 Hz minimum
Minimum viewing distance		25 m	25 m	30 m
Lifetime		> 100 000 hours	> 100 000 hours	> 100 000 hours
Operating temperature		-30°C to +50°C	-30°C to +50°C	-30°C to +50°C
Power supply		380 V +10% -15%; 50 Hz	380 V +10% -15%; 50 Hz	380 V +10% -15%; 50 Hz
Power consumption:	average	200 W/m ²	250 W/m ²	200 W/m ²
	maximum	600 W/m ²	830 W/m ²	660 W/m ²
Module weight		23 kg	23 kg	23 kg