

LED-WALL OUTDOOR/INDOOR PROFESSIONAL SERIES OF ALL-PURPOSE DISPLAYS

Fields and places of application:

- Outdoor advertising
- Stadiums and other outdoor and indoor sport facilities
- Malls, car dealerships and shops, banks, exchanges and office centers
- Airports, rail and bus stations, other facilities of transport infrastructure
- Show business and mass events, concert halls, TV studios and cinemas
- Entertainment centers, casinos, night clubs, restaurants
- Exhibition and conference halls, museums and galleries
- City information systems, data processing and control centers
- Architecture and media facades

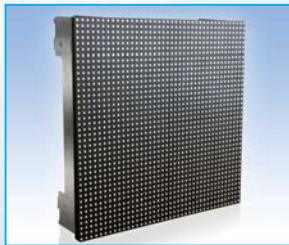
Distinctive advantages:

- **ENHANCED IMAGE QUALITY.** Incorporating EKTA cutting edge technology LED-Wall video displays ensure perfect video and graphics performance with great color depth and uniformity across the entire surface of the screen. The series feature 16-bit processing for each color (48 bit per pixel) and can deliver 281 trillion colors.
- **HIGH BRIGHTNESS.** LED-Wall Indoor professional series is specially designed to provide high quality images with the required level of brightness and contrast under conditions of intense sunlight and illumination.
- **WIDE VIEWING ANGLE.** Perfect EKTA cluster design and high quality Nichia LEDs provide a viewing angle of more than 160° (min. 50% brightness) in all directions.
- **FULL PROTECTION AND RELIABILITY.** EKTA outdoor video displays are fully protected from water and dust in accordance with IP65 classification.
- **LIGHTWEIGHT AND COMPACT MODULE.** Brand module design makes EKTA displays the most lightweight and slim LED video screens in the world. With 0,4x0,4x0,09 m module size weighting only 6 kgs (37,5 kg/m²) and solid but convenient mechanical architecture EKTA displays are reliable and really easy-to-use products.

ahead of the future

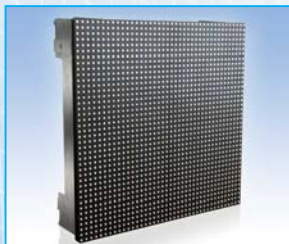


MODELS OF LED-WALL OUTDOOR/INDOOR VIDEO DISPLAYS



LVM 9C

This model uses Nichia full-color SMDs. Each display pixel has 1 LED (RGB). The real pixel pitch is 9,65 mm. The maximum brightness is 8 000 NIT. The calibrated brightness is 6 000 NIT. The minimum viewing distance is 8 m. The model is IP65 protected and is suitable both for outdoor and indoor applications.



LVM 12C

This model uses Nichia full-color SMDs. Each display pixel has 1 LED (RGB). The real pixel pitch is 12 mm. The maximum brightness is 8 000 NIT. The calibrated brightness is 6 000 NIT. The minimum viewing distance is 10 m. The model is IP65 protected and is suitable both for outdoor and indoor applications.



LVM 16C

This model uses Nichia full-color SMDs. Each display pixel has 1 LED (RGB). The real pixel pitch is 16 mm. The maximum brightness is 6 000 NIT. The calibrated brightness is 5 000 NIT. The minimum viewing distance is 14 m. The model is IP65 protected and is suitable both for outdoor and indoor applications.

TECHNICAL SPECIFICATIONS OF VIDEO DISPLAYS LED-WALL OUTDOOR/INDOOR

LED-Wall Outdoor/Indoor		LVM 9C	LVM 12C	LVM 16C
Display size		Display sizes can vary multiple to module dimensions. 4:3 or 16:9 TV format is recommended for video displays.		
Module dimensions		0,387x0,387x0,086 m	0,387x0,387x0,086 m	0,387x0,387x0,086 m
Module area		0,15 m ²	0,15 m ²	0,15 m ²
Module resolution		40x40	32x32	24x24
Pixel density		10 740 pixels/m ²	6 940 pixels/m ²	3 850 pixels/m ²
Pixel pitch		9,65 mm	12 mm	16 mm
Pixel LED configuration		1 piece (Nichia RGB)	1 piece (Nichia RGB)	1 piece (Nichia RGB)
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	150°	150°	150°
	vertical	150°	150°	150°
Maximum brightness		8 000 NIT	8 000 NIT	7 000 NIT
Calibrated brightness		6 000 NIT	6 000 NIT	5 000 NIT
Refresh rate		1 000 Hz	1 000 Hz	1 000 Hz
Minimum viewing distance		8 m	10 m	14 m
Lifetime		> 100 000 hours	> 100 000 hours	> 100 000 hours
Operating temperature		-20°C to +40°C	-20°C to +40°C	-20°C to +40°C
Power supply		380 V +20% -60%; 50 Hz	380 V +20% -60%; 50 Hz	380 V +20% -60%; 50 Hz
Power consumption:	average	300 W/m ²	300 W/m ²	250 W/m ²
	maximum	1 330 W/m ²	1 330 W/m ²	1 150 W/m ²
Module weight		6 kg	6 kg	6 kg
Display weight		37,5 kg/m ²	37,5 kg/m ²	37,5 kg/m ²