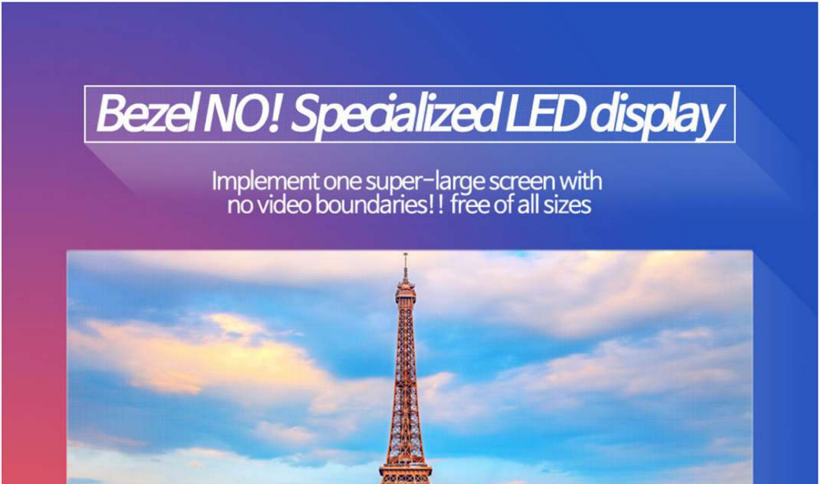
LED electronic board

LED display specialized for indoor use

- Lightweighted goods
- Full-scale of maintenance
- Easy Installation
- Convenient Management

Special Features


Bezel NO! Specialized LED display
Implement one super-large screen with no video boundaries!! free of all sizes

Lightweighted product full-scale of maintenance Easy installation convenient management

*LED: Semiconductors that emits light by sending current to compounds with light-emitting diode

What is an LED display?

**Each pixel of the image emits a bright light.
Use the LED element to configure the screen of the desired size and ratio. This display can be applied indoors and outdoors.**

Various Sizes of Cabinet

Combining LEDs in cabinet units enables the desired size to be implemented

LED display without bezel

One large screen without image boundaries (all sizes available)

Simple & Slim & Light

Simple and sensuous shape. Thin and light weight for easy maintenance.

Stable LED devices and evolved IC chips

Durability and stability with 100,000 hours of use. 13-generation IC design that evolved video transmission

Application of 160˚ Wide Viewing Angle

Up and down 160˚ to provide clear screens at various angles.

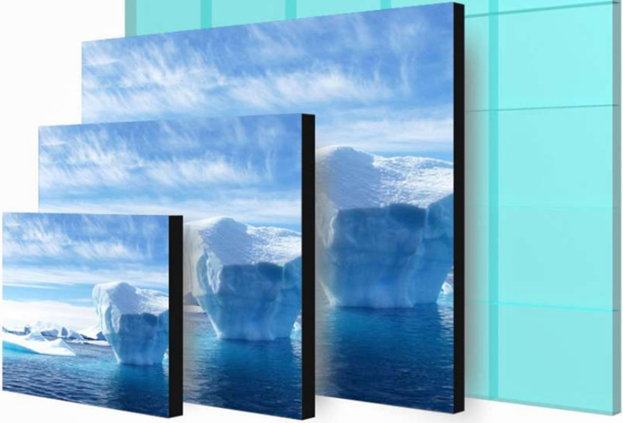
Easy Control System

S/W for easy control of LED brightness control and configuration

Product characteristics

Implementation of various sizes in the form of a Cabinet

Combining LEDs in cabinet units enables the desired size to be implemented



KRX300
1,320.19 (+2.08)
KRX100
4,602.71

Indoor LED Display

- Suitable indoors with a brightness of 500 to 1,000 nits.
- Smaller inter-LED gaps make it easy to see up close, light and slim
- Conference room, store, building lobby, museum, etc.

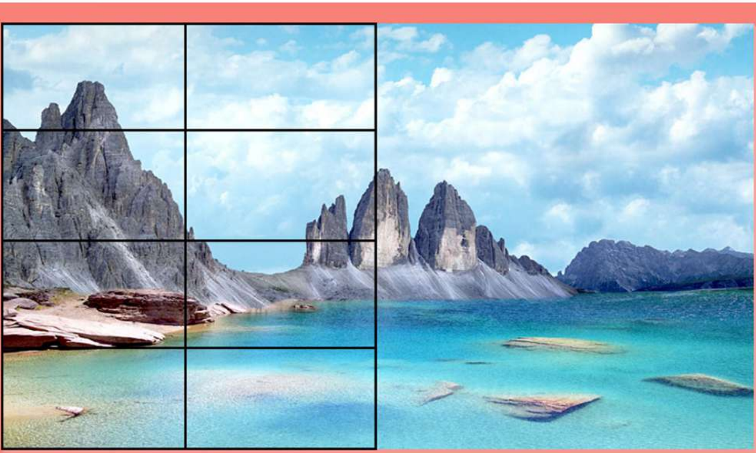
Outdoor LED Display

- 4000-6,000 nits of brightness, clear image even when viewed outdoors during the day.
- It is waterproof and dustproof, so it can be operated in outdoor environments without any obstacles.
- the outer walls of a building, roof, etc.

Clean dialog display without bezel

Cleaner image display with super-precise pixel spacing

High resolution without bezel, high-end products with Seamless Mounting Design

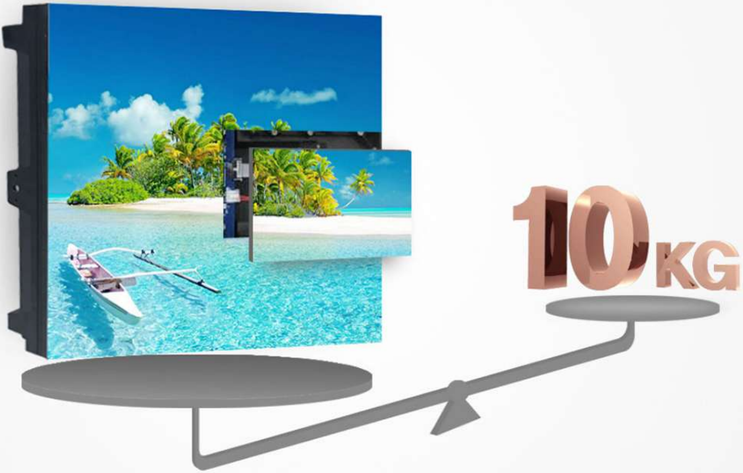


LCD vs LED

A slim, bezel-less design that fits naturally in any space and is suitable for information transmission.

Simple & Slim & Light

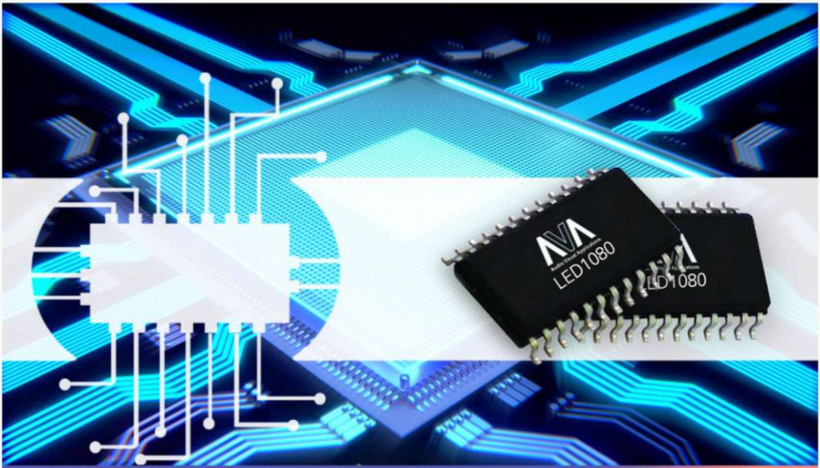
Simple design! Thin thickness, slim feeling!
Light weight for easy movement, installation, and maintenance.



Increase convenience with high-efficiency power supply, lowest power usage, and front-line maintenance

Stable LED devices and evolved IC chips

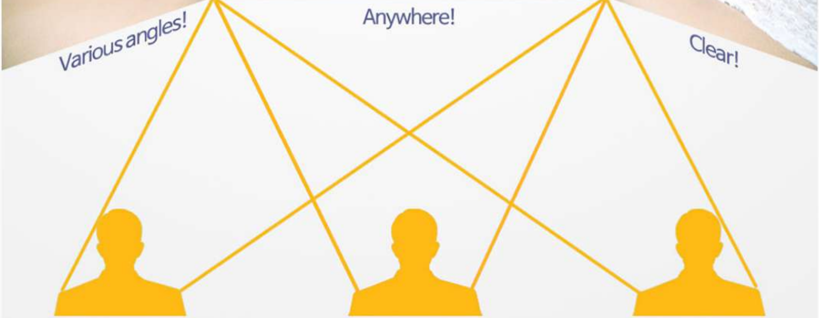
Evolution of IC design provides flashy image performance and best advertising



Durability and stability for 100,000 hours of video transmission evolution with the 13th generation IC design

Application of 160° Wide Viewing Angle

vivid stereoscopic and realistic screen immersion


Various angles!
Anywhere!
Clear!

Provides the most vivid color representation and clear screen that is closest to reality without distortion at any viewing angle.

System Configuration

Easy Control System

Fast and easy delivery of information with the best software

운영 PC
MAIN CONTROLLER (V.D.U)
컨트롤러 제어

S/W for easy control of LED brightness control and configuration

Specs

Indoor Spec

Model name	Pixel Pitch (㎜)	Pixel configuration	Module Size (WxHxD)	Module Resolution	Cabinet Resolution	Frame Rate (Hz)	Viewing Angle(H/V)	Power Consumption (Max/Avg)(W)
ALED-QD-I-1.0	1.0	SMD 4 in 1	320x160x14.5	320x160	640x480		160°/160°	243/81
ALED-QD-I-1.25	1.25			256x128	512x384			210/70
ALED-QD-I-1.37	1.37			234x118	467x350			194/65
ALED-QD-I-1.53	1.53			208x104	416x312			178/59
ALED-QD-I-1.66	1.66			192x96	386x289			167/56

ALED-QD-I-1.83	1.83	SMD 3 in 1		174x86	350x262	≥3840		156/52
ALED-QD-I-1.86	1.86			172x86	344x258			156/52
ALED-QD-I-2.0	2.0		320x160x15	160x80	320x240		150°/150°	135/45
ALED-QD-I-2.5	2.5			128x64	256x192			140/47
ALED-QD-I-3.0	3.0		320x160x14	104x52	208x156		140°/140°	127/42
ALED-QD-I-4.0	4.0			80x40	160x120	≥1920		130/45

Indoor common Spec

Purpose	Cabinet Size (WxHxD)	Cabinet material	Module Quantity	Cabinet Weight (Including Modules)	Brightness(nit)	IPGrade
Indoor	640x480	Magnesium	2x3(1cabinet)	10kg	500-1000nit	IP30

Outdoor Spec

Model name	ALED-QD-O-2.5	ALED-QD-O-3.0	ALED-QD-O-4.0	ALED-QD-O-5.0	ALED-QD-O-6.0	ALED-QD-O-8.0	ALED-QD-O-10.0
Pixel Pitch(㎜)	2.5	3.0	4.0	5.0	6.0	8.0	10.0
Pixel configuration	SMD 3 in 1						
Purpose	Outdoor						
Module Size(WxHxD)	320x160x17.5		320x160x18.5		320x160x18		320x160x19
Module Resolution	128x64	106x54	80x40	64x32	54x26	40x20	32x16
Cabinet Size(WxHxD)	960x960						
Cabinet resolution	384x384	320x320	240x240	192x192	160x160	120x120	96x96
Cabinet material	Magnesium						
Module Quantity	3x6						
Cabinet Weight(Including Modules)	38kg		39kg	37kg	24.2kg	38kg	39kg
Brightness(nit)	5000-6000nit						
Frame Rate(㎐)	≥3840					≥1920	
Viewing Angle(H/V)	160°/160°		150°/150°		140°/140°		
Power Consumption (Max/Avg)(W)	750/271	724/241	838/279	770/257	798/266		790/263
IPGrade	IP65						