



LED Display System

IMPACT YOUR AUDIENCE



Commercial & Advertising
Stadiums, Arenas
Airport, Station, Mass transit
Digital Billboard
Shopping mall, Supermarket
Rental, Staging & Exhibition

Features

Green Product

- +High power efficiency up to 85%
- +Power supply with PFC (Power Factor Correction) design to reduce mains harmonics, lower electrical impact on power networks and save energy
- +32 levels of brightness dimming with environmental luminance changes for optimal power saving

Environmental Protection

- +All product series meets international RoHS standards
- +Regulatory compliance (UL, FCC class A, CE, CCC)



Vivid and True Color LED Display

- +16 bit gray scale produces up to 281 trillion colors
- +Gamma correction

Ultra High Brightness and Contrast

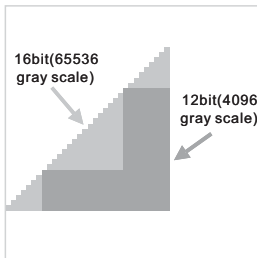
- +High-contrast video with improved louver
- +Seamless appearance with smart mechanical design

Ergonomic Die-casting Module Mechanism Design

- +Lightweight & dimensional accurate modules decrease expensive mounting structure and installation costs
- +Standardized module size for all pitch variations allow continuing use of mounting structure, eliminating re-design costs
- +IP65 for both front and rear, minimizing operational downtime

Dot Correction Capability

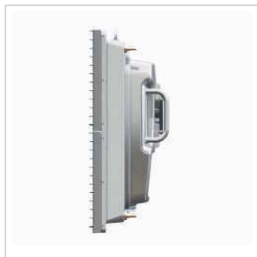
- +Amazing uniformity by adjusting brightness and color tolerance of each individual pixel
- +True color reproduction by converting the whole color gamut of LEDs to typical video standard



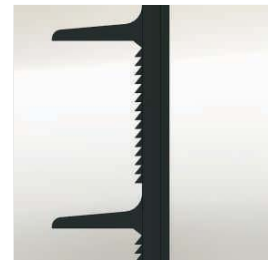
16 bit gray scale



Die-casting module(perspective)

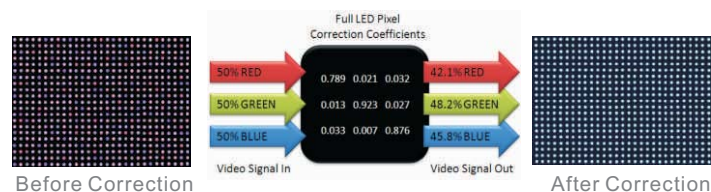


Die-casting module(side)



Saw-shaped Surface

+ All Features, specifications, model numbers are subject to change without notice.
+ All Trademarks belong to their registered owners.



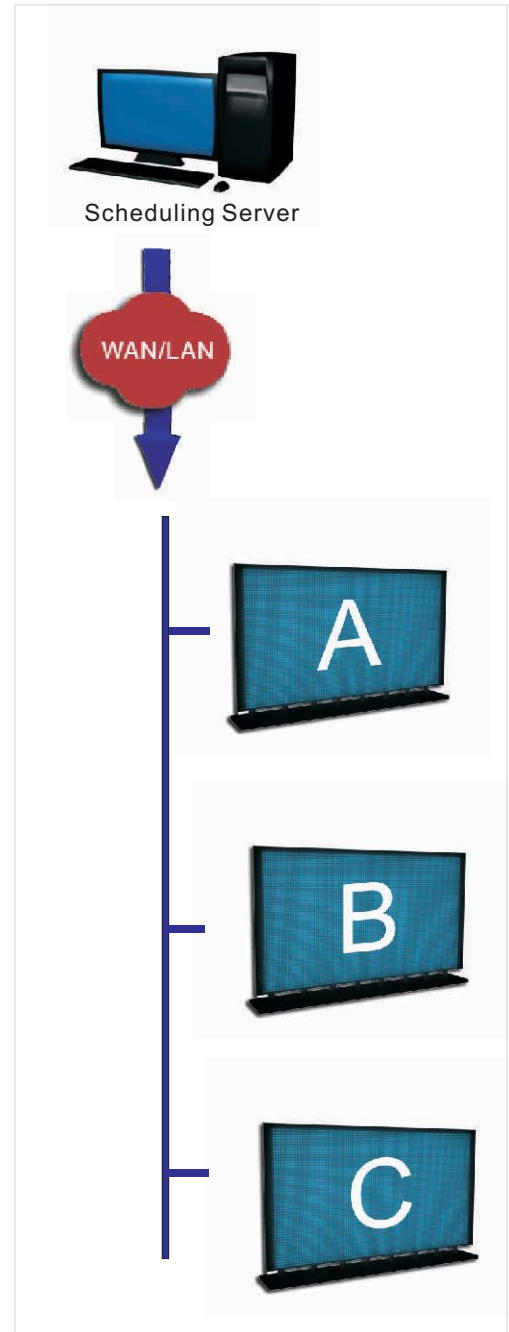
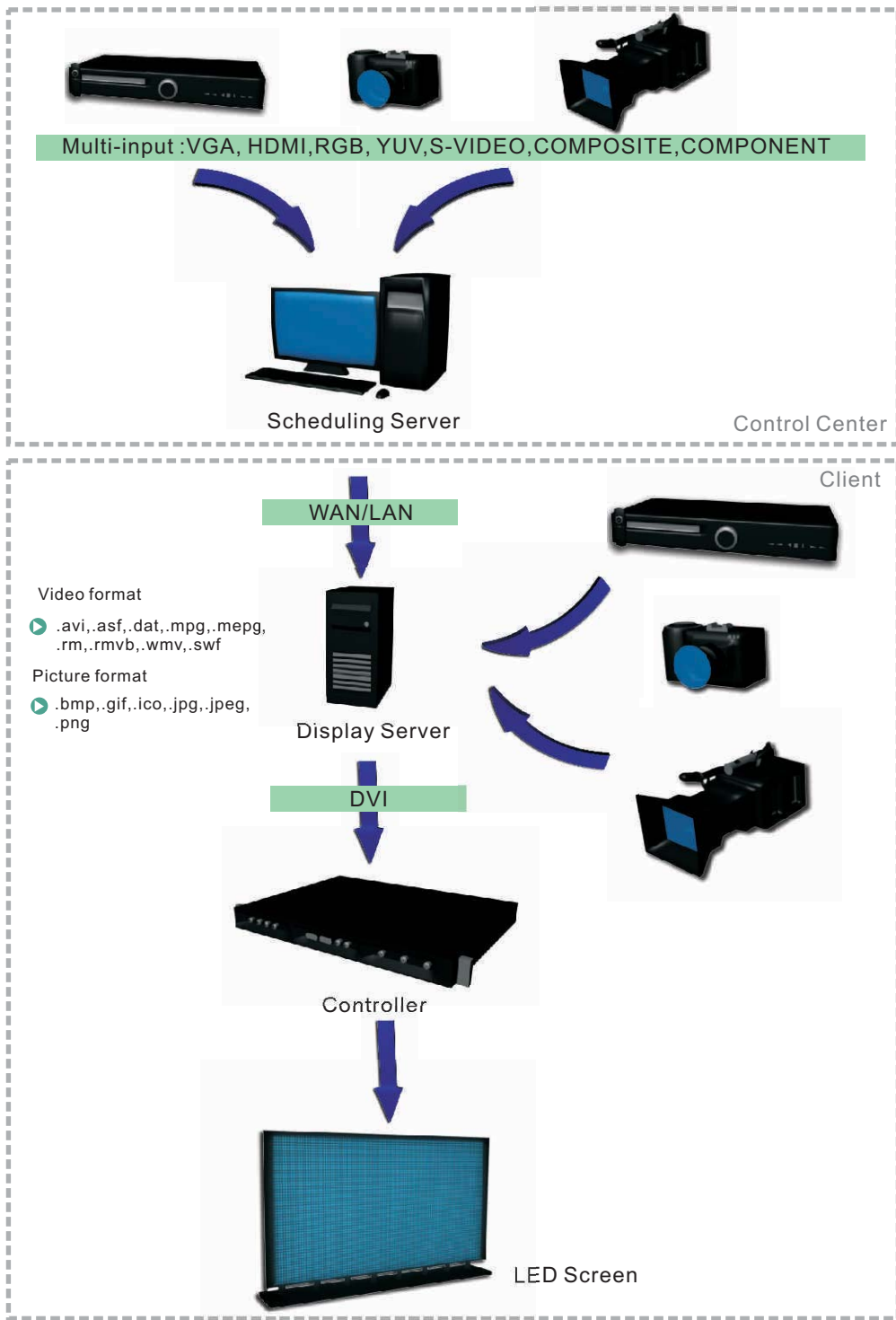
Before Correction

After Correction

LED Displays



Web-Control Capability



Outdoor

Model	LOM-156XAA	LOM-206XAA	LOM-255XAA
Display			
Pitch (mm)	15.625	20.833	25
Pixel Configuration	1R1G1B	1R1G1B	1R1G1B
Module Resolution	32 x 32	24 x 24	20 x 20
Pixel density (pixel/M2)	4096	2304	1600
Brightness (cd/m2)	6000±5%	6000±5%	5000±5%
Contrast ratio	2000 : 1	2000 : 1	2000 : 1
Power consumption (watt / module)	140 (max.) 40 (avg.)	140 (max.) 40 (avg.)	120 (max.) 36 (avg.)
Typical Life time		>50,000Hrs	
Color processing		16-bit / color (281 trillion colors)	
Viewing angle		Horizontal: +/-60° \ Vertical: +22/-38°	
Dimming capability		32 levels of brightness control	
Refresh rate		>19KHz	
Power Input		110 ~ 240V AC, 50 / 60 Hz	
Module Size (mm)		500(W) x 500(H) x 190(D)	
Ruggedness		Front & Rear Ip65	
Weight(kg/module)		13kg	
Opt. / Stg. Temp		-20~50°C/-30~60°C	
Opt. / Stg. Humidity		10% ~ 99% / 10% ~ 99% RH	
Service Access		Front & Rear	

Semi-outdoor

Model	LSM-062XAA	LSM-082XAA	LSM-103XAA
Display			
Pitch (mm)	6.25	8.33	10.42
Pixel Configuration	R/G/B 3 in 1 SMD LED	R/G/B 3 in 1 SMD LED	R/G/B 3 in 1 SMD LED
Module Resolution	80 x 80	60 x 60	48 x 48
Pixel density (pixel/M2)	25600	14400	9216
Brightness (cd/m2)	2500±5%	2500±5%	3000±5%
Contrast ratio	1000 : 1	1000 : 1	1000 : 1
Power consumption (watt / module)	320 (max.) 96 (avg.)	360 (max.) 108 (avg.)	380 (max.) 114 (avg.)
Typical Life time		>50,000Hrs	
Color processing		14-bit / color (4 billion colors)	
Viewing angle		Horizontal: +/-70° \ Vertical: +/-70°	
Dimming capability		32 levels of brightness control	
Refresh rate		>1.2KHz	
Power Input		110 ~ 240V AC, 50 / 60 Hz	
Module Size (mm)		500(W) x 500(H) x 190(D)	
Weight(kg/module)		11.5kg	
Opt. / Stg. Temp		-20~40°C/-30~60°C	
Opt. / Stg. Humidity		10% ~ 90% / 10% ~ 90% RH	
Service Access		Rear	

Indoor

Model	LSM-061XAA	LSM-081XAA	LSM-101XAA
Display			
Pitch (mm)	6.25	8.33	10.42
Pixel Configuration	R/G/B 3 in 1 SMD LED	R/G/B 3 in 1 SMD LED	R/G/B 3 in 1 SMD LED
Module Resolution	80 x 80	60 x 60	48 x 48
Pixel density (pixel/M2)	25600	14400	9216
Brightness (cd/m2)	1500±5%	1500±5%	1500±5%
Contrast ratio	1000 : 1	1000 : 1	1000 : 1
Power consumption (watt / module)	320 (max.) 96 (avg.)	360 (max.) 108 (avg.)	380 (max.) 114 (avg.)
Typical Life time		>50,000Hrs	
Color processing		14-bit / color (4 billion colors)	
Viewing angle		Horizontal: +/-70° \ Vertical: +/-70°	
Dimming capability		32 levels of brightness control	
Refresh rate		>1.2KHz	
Power Input		110 ~ 240V AC, 50 / 60 Hz	
Module Size (mm)		500(W) x 500(H) x 190(D)	
Weight(kg/module)		11.5kg	
Opt. / Stg. Temp		-20~40°C/-30~60°C	
Opt. / Stg. Humidity		10% ~ 90% / 10% ~ 90% RH	
Service Access		Rear	