



SILEX

Innovation, beyond imagination

LED Video wall Modules Specifications



The background features a repeating geometric pattern of interlocking triangles in shades of gray and white. This pattern is partially obscured by large, overlapping red shapes that create a dynamic, layered effect. The red shapes include a large triangle pointing downwards and another pointing upwards, both overlapping the gray pattern.

Main Features and advantages

Silex LED Video Wall

MAIN FEATURES & ADVANTAGES

- New 16:9 ultra high precision modules
- High Grayscale (65,536 gray levels - 16 bits)
- 160H/160V large viewing angle
- Magnetic absorption for quick installation
- Dual signal input for higher stability
- Strong color reproduction & high refresh rate
- Coating Technology (for <P2)



Product advantages



The background features a repeating geometric pattern of interlocking triangles in shades of gray and white. This pattern is partially obscured by large, overlapping red shapes that create a dynamic, layered effect. The word "Specifications" is centered in white text on a red background.

Specifications

Silex LED Video Wall

CABINET SIZE: 600 X 337.5MM (16:9)



model number	CT-LDS P0.9-RGB-SMD	CT-LDS P1.2-RGB-SMD	CT-LDS P1.4-RGB-SMD	CT-LDS P1.5-RGB-SMD	CT-LDS P1.875-RGB-SMD	CT-LDS P2.3-RGB-SMD
point spacing (mm)	0.9375	1.25	1.44	1.5625	1.875	2.34
pixel density(pixels/㎡)	1137777	640000	480711	409600	284444	182044
Module resolution (W×H)	320*180	240*135	208*117	192*108	160*90	128*72
Module size (W×H)		300*168.75mm	300*168.75mm	300*168.75mm	300*168.75mm	300*168.75mm
Box size (W×H×D)	600*337.5*75mm	600*337.5*75mm	600*337.5*75mm	600*337.5*75mm	600*337.5*75mm	600*337.5*75mm
Box weight(kg)	6.5	6.5	6.5	6.5	6.5	6.5
maintenance	Pre-maintenance	Pre-maintenance	Pre-maintenance	Pre-maintenance	Pre-maintenance	Pre-maintenance
Protection class	IP20	IP20	IP20	IP20	IP20	IP20
white balance brightness(nits/m ²)	≥600cd/mrr	≥600cd/mrr	≥600cd/mrr	≥600cd/mrr	≥600cd/mrr	≥600cd/mrr
white balance color temperature (k)	3200K—9300K adjustable	3200K—9300K adjustable	3200K—9300K adjustable	3200K—9300K adjustable	3200K—9300K adjustable	3200K—9300K adjustable
Single point brightness correction	yes	yes	yes	yes	yes	yes
Single point color correction	yes	yes	yes	yes	yes	yes
Brightness uniformity	≥98%	≥98%	≥98%	≥98%	≥98%	≥98%
Chromatic uniformity	±0.003Cx,Cy Inside	±0.003Cx,Cy Inside	±0.003Cx,Cy Inside	±0.003Cx,Cy Inside	±0.003Cx,Cy Inside	±0.003Cx,Cy Inside
Viewing angle	V160° H160°	V160° H160°	V160° H160°	V160° H160°	V160° H160°	V160° H160°
contrast ratio	≥5000:1	≥5000:1	≥5000:1	≥5000:1	≥5000:1	≥5000:1
Max power (W/m ²)	600	600	600	600	600	600
average power (W/m ²)	270	270	270	270	270	270
Supply voltage	AC100-240V	AC100-240V	AC100-240V	AC100-240V	AC100-240V	AC100-240V
frame rate(Hz)	60	60	60	60	60	60
refresh rate (Hz)	≥3840	≥3840	≥3840	≥3840	≥3840	≥3840
grayscale	65536	65536	65536	65536	65536	65536
LED 寿命 (Hrs)	100000	100000	100000	100000	100000	100000
range of working temperature	-30~60	-30~60	-30~60	-30~60	-30~60	-30~60
Operating humidity range	10%~80%	10%~80%	10%~80%	10%~80%	10%~80%	10%~80%
storage temperature (°C)	-20~80	-20~80	-20~80	-20~80	-20~80	-20~80

CABINET SIZE: 640 X 480MM (4:3)



MODEL	CT-LDS P1.25-RGB-SMD	CT-LDS P1.53-RGB-SMD	CT-LDS P1.667-RGB-SMD	CT-LDS P1.839-RGB-SMD	CT-LDS P1.88-RGB-SMD	CT-LDS P2-RGB-SMD	CT-LDS P2.5-RGB-SMD
point spacing (mm)	1.25	1.53	1.667	1.839	1.88	2	2.5
pixel density (pixels/m ²)	640000	427186	359856	295689	289050	250000	160000
Module resolution (W×H)	256*128	208*104	192*96	174*87	172*88	160*80	128*64
Module size (W×H)	320*160mm	320*160mm	320*160mm	320*160mm	320*160mm	320*160mm	320*160mm
Box size (W×H×D)	640*480*64mm	640*480*64mm	640*480*64mm	640*480*64mm	640*480*64mm	640*480*64mm	640*480*66mm
Box weight(kg)	5	5	5	5	5	5	5
maintenance	Pre-maintenance	Pre-maintenance	Pre-maintenance	Pre-maintenance	Pre-maintenance	Pre-maintenance	Pre-maintenance
Protection class	IP20	IP20	IP20	IP20	IP20	IP20	IP20
white balance brightness (nits/m ²)	≥600cd/m ²	≥600cd/m ²	≥600cd/m ²	≥600cd/m ²	≥600cd/m ²	≥600cd/m ²	≥600cd/m ²
white balance color temperature (k)	3200K—9300K adjustable	3200K—9300K adjustable	3200K—9300K adjustable	3200K—9300K adjustable	3200K—9300K adjustable	3200K—9300K adjustable	3200K—9300K adjustable
Single point brightness correction	yes	yes	yes	yes	yes	yes	yes
Single point color correction	yes	yes	yes	yes	yes	yes	yes
Brightness uniformity	≥98%	≥98%	≥98%	≥98%	≥98%	≥98%	≥98%
color uniformity	±0.003Cx,Cy 丙	±0.003Cx,Cy 丙	±0.003Cx,Cy 丙	±0.003Cx,Cy 丙	±0.003Cx,Cy 丙	±0.003Cx,Cy 丙	±0.003Cx,Cy 丙
Viewing angle	V180° H160°	V180° H160°	V180° H160°	V180° H160°	V180° H160°	V180° H160°	V180° H160°
contrast ratio	≥5000:1	≥5000:1	≥5000:1	≥5000:1	≥5000:1	≥5000:1	≥5000:1
Maximum power (W/m ²)	600	600	600	600	600	600	600
average power (W/m ²)	270	270	270	270	270	270	270
Supply voltage	AC100-240V	AC100-240V	AC100-240V	AC100-240V	AC100-240V	AC100-240V	AC100-240V
frame rate(Hz)	60	60	60	60	60	60	60
Refresh frequency (Hz)	≥3840	≥3840	≥3840	≥3840	≥3840	≥3840	≥3840
grayscale	65536	65536	65536	65536	65536	65536	65536
LED life (Hrs)	100000	100000	100000	100000	100000	100000	100000
range of working temperature	-30~80	-30~80	-30~80	-30~80	-30~80	-30~80	-30~80
Operating humidity range	10%~80%	10%~80%	10%~80%	10%~80%	10%~80%	10%~80%	10%~80%
storage temperature (°C)	-20~80	-20~80	-20~80	-20~80	-20~80	-20~80	-20~80

CABINET SIZE: 480 X 480MM



MODEL	CT-LDS P1.5-RGB-SMD	CT-LDS P1.667-RGB-SMD	CT-LDS P1.845-RGB-SMD	CT-LDS P2.5-RGB-SMD
point spacing (mm)	1.5	1.667	1.875	2.5
pixel density (pixels/m ²)	444444	360000	284444	160000
Module resolution (W×H)	160*160	144*144	128*128	96*96
Module size (W×H)	240*240mm	240*240mm	240*240mm	240*240mm
Box size (W×H×D)	480*480*75mm	480*480*75mm	480*480*75mm	480*480*75mm
Box weight(kg)	7.5	7.5	8.1	8.1
maintenance	Pre-maintenance	Pre-maintenance	Pre-maintenance	Pre-maintenance
Protection class	IP20	IP20	IP20	IP20
white balance brightness (nits/m ²)	≥600cd/m ²	≥600cd/m ²	≥600cd/m ²	≥600cd/m ²
white balance color temperature (k)	3200K—9300K adjustable	3200K—9300K adjustable	3200K—9300K adjustable	3200K—9300K adjustable
Single point brightness correction	Yes	Yes	Yes	Yes
Single point color correction	Yes	Yes	Yes	Yes
Brightness uniformity	≥98%	≥98%	≥98%	≥98%
color uniformity	±0.003Cx,Cy 内	±0.003Cx,Cy 内	±0.003Cx,Cy 内	±0.003Cx,Cy 内
Viewing angle	V160° H160°	V160° H160°	V160° H160°	V160° H160°
contrast ratio	≥5000:1	≥5000:1	≥5000:1	≥5000:1
Maximum power (W/m ²)	600	600	600	600
average power (W/m ²)	270	270	270	270
Supply voltage	AC100-240V	AC100-240V	AC100-240V	AC100-240V
frame rate(Hz)	60	60	60	60
Refresh frequency (Hz)	≥3840	≥3840	≥3840	≥3840
grayscale	65536	65536	65536	65536
LED life (Hrs)	100000	100000	100000	100000
range of working temperature	-30~60	-30~60	-30~60	-30~60
Operating humidity range	10%~80%	10%~80%	10%~80%	10%~80%
storage temperature (°C)	-20~80	-20~80	-20~80	-20~80



Smart Interactive Live Experience