

P1.9

INDOOR FINE PITCH LED SCREENS FOR
RETAIL, SHOWROOM &
CORPORATE ENVIRONMENTS



TECHNICAL SPECIFICATIONS

GENERAL

Operating environment	:	indoor
Pixel pitch	:	1.9mm
Service type	:	front access
Calibrated brightness (nits)	:	900 nits
Lamp type	:	SMD
Lifespan (hours at %50 brightness)	:	>100.000 hours
White color calibration (adj.)	:	3.500K-8.500K
Gray scale	:	>16 bits
Brightness control	:	256 level
Chipset	:	ICND1065L -ICN2153S Chipone

MODULE SPECIFICATIONS

Module dimensions (mm)	:	250x281.5
Refresh frequency	:	3.840Hz
Module resolution	:	128x144px
LED drive method	:	dynamic
Module material	:	aluminum
Module type	:	apparent
PCB type	:	multilayer

PANEL SPECIFICATIONS

Panel material	:	Die-cast aluminum
Panel paint	:	ES powder coated
Panel depth	:	34mm
IP level	:	IP20 front, IP41 rear
Panel resolution	:	512x288px
Pixel density (pcs/sqm)	:	262,144
Viewing angle (horizontal x vertical)	:	>160° x 140°
Minimum viewing distance	:	>2m
Operating temperature range	:	-20°C ~ +60°C
Storage temperature range	:	-25°C ~ +60°C
Operating humidity	:	10% ~ 90% non-condensing
Power input voltage	:	110 ~ 240 VAC
Power input frequency	:	50-60Hz
Average power per sqm	:	<120W
Max power per sqm	:	<600W
Active PFC	:	YES
Load tolerance	:	25% min.
Panel installation type	:	Fixed installation
Cooling	:	Passive cooling without fan

OTHER

Max input resolution	:	FHD, UHD, 4K, 8K
Standard video sources	:	All Digital Formats
Brightness adjustment	:	Automatic & manual
Dead pixel monitoring	:	Optional
Module monitoring	:	YES
Temperature monitoring	:	YES
Smoke monitoring	:	Optional
Voltage monitoring	:	YES
Power redundancy	:	Optional
Signal path backup	:	YES
Signal transmission	:	CAT or Fiber Optic
Standby scheduling	:	YES
Power on/off scheduling	:	Optional
Power saving mode	:	YES
Certification	:	CE-EMC, CE-LVD, RoHS, FCC

COLORLIT LED DISPLAY

- New generation full-flip chip microLED technology
- Adjustable brightness optionally up to 6.500 nits
- Production level calibration for best color uniformity
- Aluminum fanless design for high performance under extreme conditions
- Lightweight for easy adaptation and low cost framework design
- Lower power consumption with common-cathode technology



- 1- Panel dimensions can change upon customer request
- 2- That value is the remain capacity of PSU's at 100% brightness and white color content
- 3- Different types of video input available as option

IDEAL FOR

- Retail Store
- Lobby & Reception
- Meeting Room
- Corporate
- Broadcast Studio
- Showroom

ADVANCED FEATURES

- Front Access
- Lightweight
- Slim
- Temp Monitoring
- Smoke Monitoring
- Voltage Monitoring
- Remote Control
- Easy To Install
- Wide Angle
- High Refresh Rate
- Transparent
- Noiseless
- Calibration
- Pixel Detection
- Fanless