



AVA LED

AV-3 IR Pro

Data Sheet

QUALITY IN DETAIL

INDOOR SERIES

AV-3 IR Pro



- 02-03 ○ Series and Features
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- Advanced High Brightness Black technology,
- Advanced High Refresh Rate,
- Fast installation of panel to Light Frame,
- Just Signal person to install/uninstall, saving labor cost
- Die-Casting Aluminum-Magnesium frame design, fanless design.
- No noise, lower power consumption, good heat dissipation.

FEATURES

AV-3 IR Pro

- High Refresh Rate: 3840Hz
- High Contrast
- A Class Led Chip
- High Quality PCB
- High Quality MASK

THERE ARE TWO CABINET SIZE IS YOUR OPNION



Features

- *** FRONT SERVICE or Back Services
- *** Light Weight
- *** Aliminum Die-Casting
- *** 500x500 : 12 in 1 Case weight with products: 118kg.
- *** 500x1000 : 6 in 1 Case weight with products: 118kg.
- *** Faster Cooling
- *** Advenced and safety Lock
- *** Nova Star Controller
- *** SPACE BLACK

○ TECHNICAL SPECIFICATION

MODEL NAME	AV-3 500x1000	AV-3 500x500
Features	:	:
Series	IR PRO	IR PRO
Panel installation type	Rental	Rental
Operating Environment	Indoor	Indoor
Pixel Pitch	3,91mm	3,91mm
Brightness	>1100 Nits	>1100 Nits
Refresh Rate	>3840Hz	>3840Hz
Weight / m2	<27	<27
Material Brands	:	:
Lamp	Class A	Class A
Entegred	Chipone or Smilar	Chipone or Smilar
Powersupply	Meanwell or Smilar/Smilier	Meanwell or Smilar/Smilier
Controller	Novastar	Novastar
Connectors : Seetronic	Seetronic	Seetronic
Module Specifications	:	:
Pixel Configuration	SMD 2020	SMD 2020
LED Chip	Cooper	Cooper
LED	Space Black	Space Black
Module Size (mm)	250mm x 250mm	250mm x 250mm
Module Resolution	64 x 64	64 x 64
Processing	>14-16 Bit	>14-16 Bit
PCB Quality	Best Quality	Best Quality
Module - Mask Quality	Normal Mask	Normal Mask
Picture / Video Quality	High Quality	High Quality
Grey Scale	>65536	>65536
Cabinet Specifications	:	:
Module Per Cabinet	8 MODULE	4 MODULE
Cabinet Size (mm)	500 x 1000 x 77mm	500 x 500 x 77mm
Cabinet Material	Die-Casting Aliminum	Die-Casting Aliminum
Weight Per Panel Net kg.	13,8	<7
Cabinet Resolution	128x256	128x128
Pixel Density / Cabinet	32768	16384
IP Rating	IP40	IP40
Others Specifications	:	:
Driving IC Type	PWM	PWM
Refrate Quality 2	High Refresh Rate	High Refresh Rate
No Waterless Ripple of Camera	>%75	>%75
Driving Method " Scan "	1/16	1/16
Resolution/SQM	256 x 256	256 x 256
Pixel Density / m2	65536	65536
White Color Calibration (Adj.)	3.500K~8.500K	3.500K~8.500K
Horizontal Viewing Angle	140 (±30)	140 (±30)
Vertical Viewing Angle	140 (±30)	140 (±30)
Low Latency	No	No
HDR	No	No
Mapping	No	No
Rotation per 90 Degree	Yes	Yes
Free Rotation (with R5)	Optional	Optional
Clear View	Optional	Optional
Refresh Quality	High Quality	High Quality
High Refresh (PLL inside)	-	-
High Refresh Power Saving	Yes	Yes
High Refresh Dynamic Power Saving	-	-
Expected LED Lifetime %50	>100.000 Hours	>100.000 Hours
Operating Temperature Range	-15 – +45 (±10)	-15 – +45 (±10)
Operating Humidity Range	-40! " +60! ,10%-90%RH	-40! " +60! ,10%-90%RH
Power on Time (<w/sqm)	800	800
Power Consumption (<w/sqm)	500	500
Average Power Consumption (<w/sqm)	175	175
Voltage Range	47 ~ 63Hz / 110 ~ 240 VAC	47 ~ 63Hz / 110 ~ 240 VAC
Version	REV22	REV22
Packing include	Plate-Power-Cat5 Cable	Plate-Power-Cat5 Cable
Usage Area	Rental Screen	Rental Screen
Certificate	CE/EMC/LVD-ATR-EUR1 ISO-9001:2015 ISO-14001:2015	CE/EMC/LVD-ATR-EUR1 ISO-9001:2015 ISO-14001:2015

PRODUCT CABINET SIZE



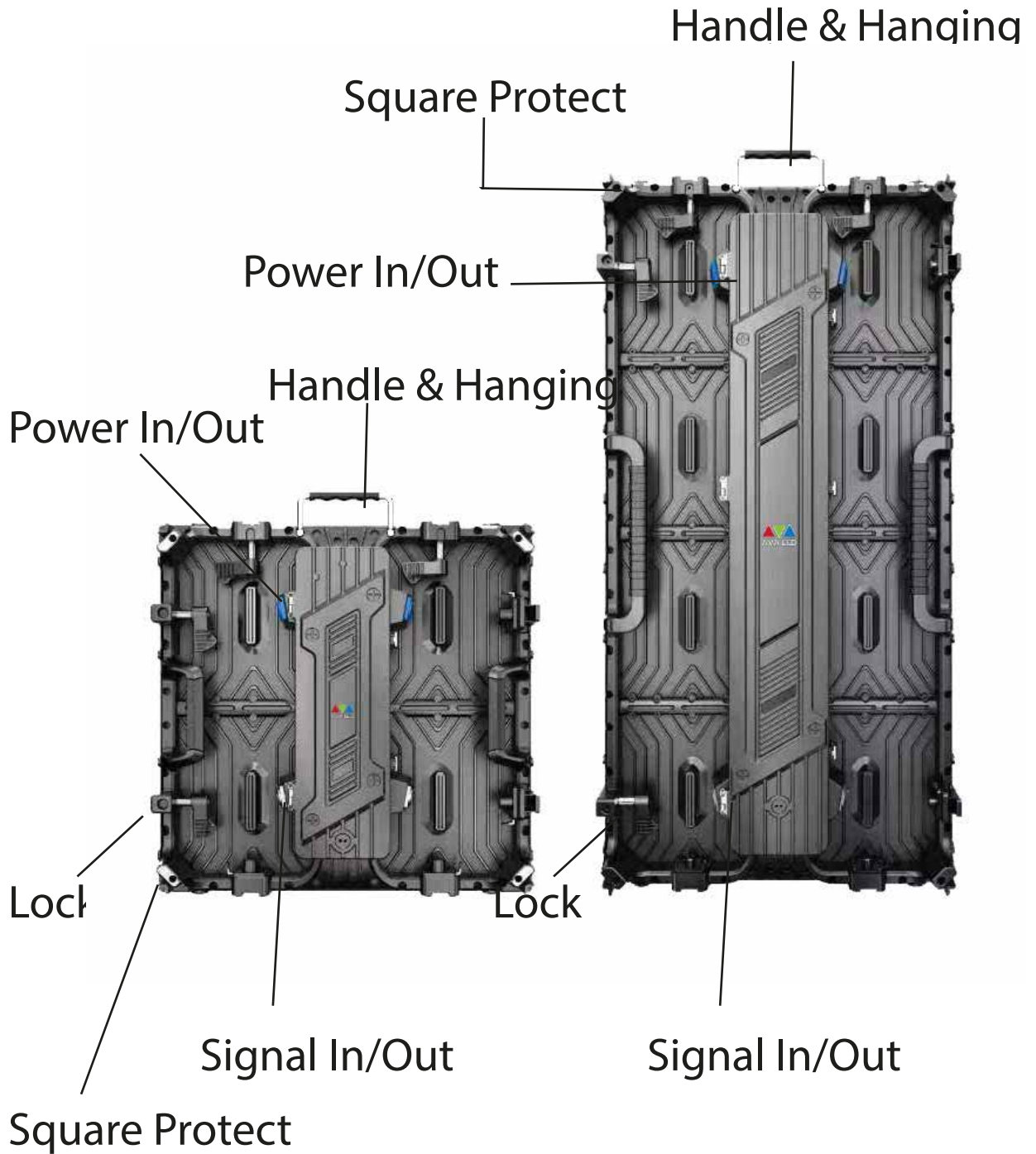
CABINET SIZE

PRODUCT PHOTO

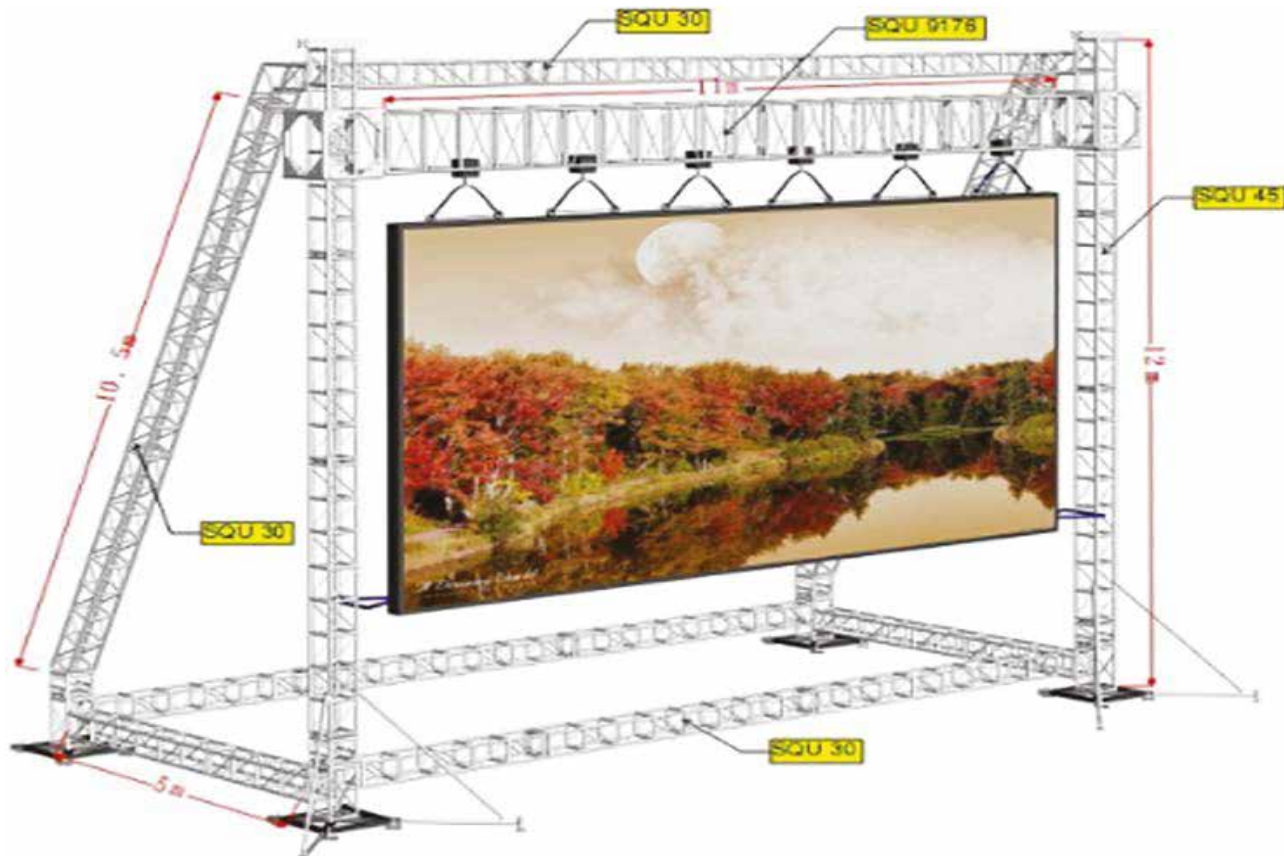


QUALITY IN DETAIL

CABINET DETAIL



SAFETY



The support structure has to be provided and installed by the customer because they vary from project to project. The following issues must be considered:

Weight tolerances: Ensure that the support structure and the floor on which or the wall against which the support structure has to be installed, is qualified to handle the complete weight of the LED display screen.(which can be provided by manufacturer.

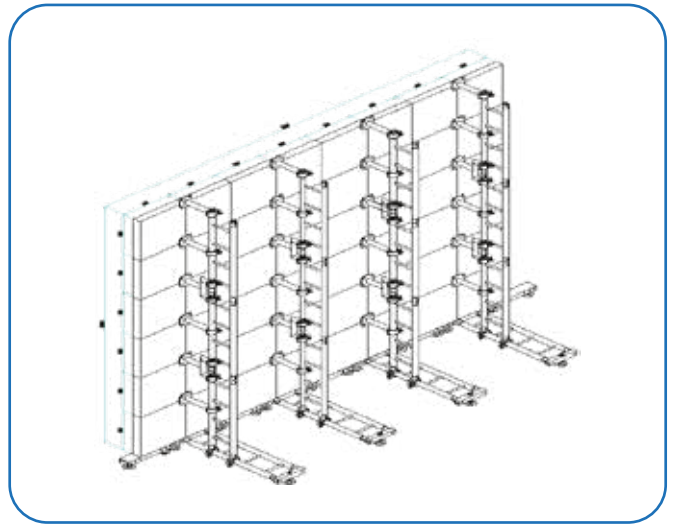
Environmental conditions: Humidity, wind, temperatures, rain, snow etc.

Location: Outdoor/.Indoor, altitude, etc. Usually, for outdoor display screen, the customer should build top cover and side cover for IP protection (Including waterproof and dustproof)

Ground stability

Front clearances: For making sure there is sufficient free area in front of the LED display screen and respect the maximum viewing angles and distance. Local regulations regarding such installation.









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