AVA LED

QALITY IN DETAIL
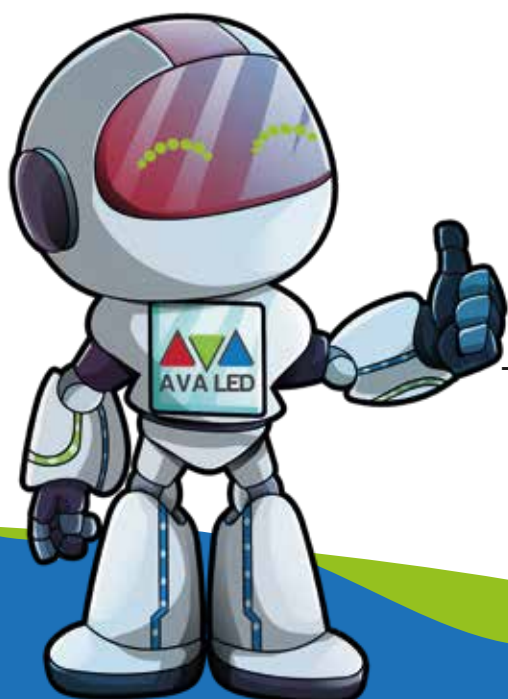
TN-PRO-IF-4
Data Sheet

TN FIX SERIES OTHER MODELS

INDOOR FRONT SERVICE SERIES

TN-PRO-IF- 4 I TN-PRO-IF- 4 PRO I TN-PRO-IF- 4 PLUS

ISO 9001:2015

CE

ISO CERTIFIED COMPANY 14001:2015

TITLE OF CONTENTS

FEATURES

○ Advanced Contrast 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
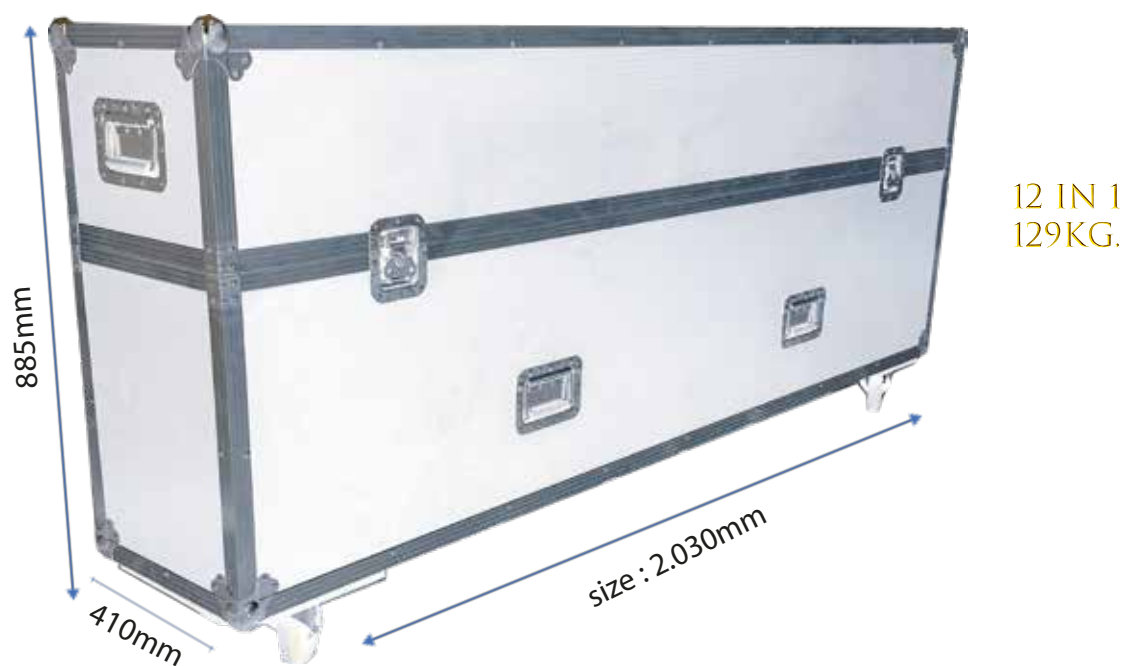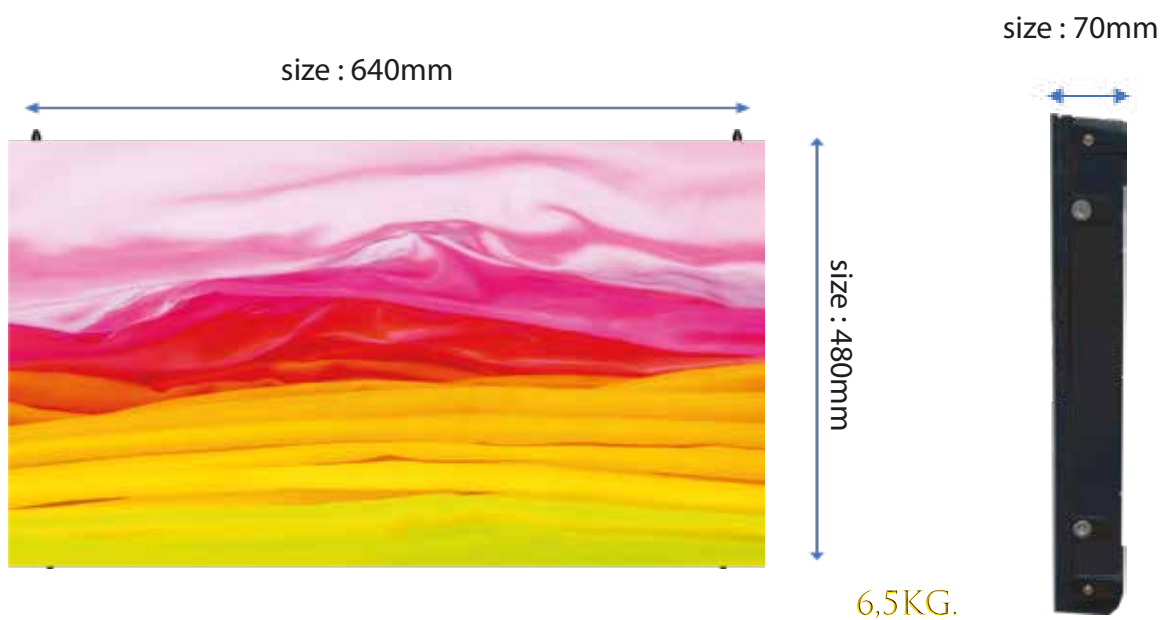
TN-PRO-IF-4

- · High Refresh Rate: 3840Hz
- · A Class Led Chip
- · High Quality PCB
- · High Quality MASK
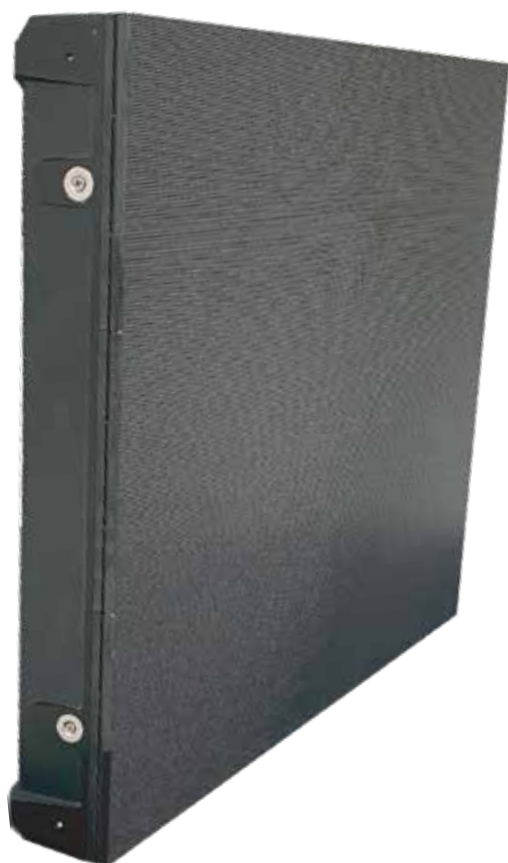- · Rotation 90 Degree

FEATURES

Features

***   FRONT SERVICE
***   Light Weight
***   Magnesium Die-Casting
***   3 in 1 Case weight with products: 129kg.
***   Faster Cooling
***   Advenced and safety Lock
***   Nova Star Controller
***   SPACE BLACK

TECHNICAL SPECIFICATION

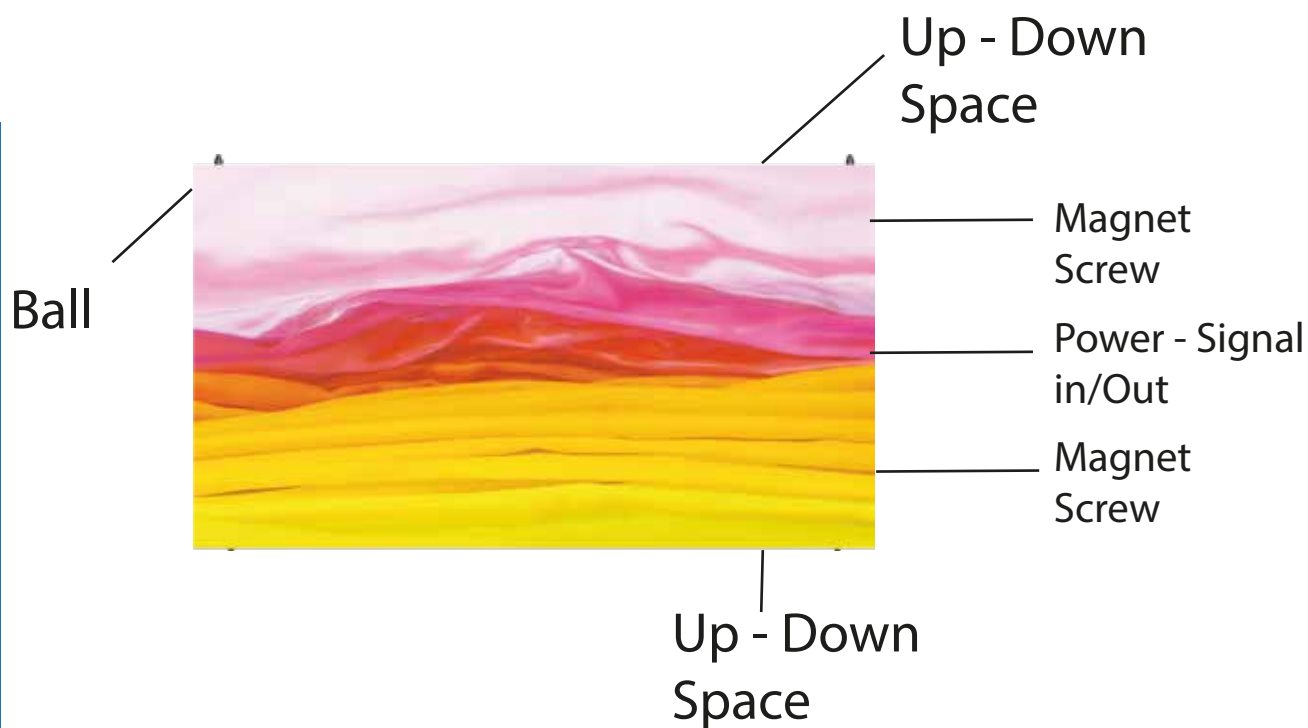| MODEL NAME	!"#$%&#'()*
Features	:
Series	Pro
Panel installation type	Fix Instalation
Operating Environment	Indoor
Pixel Pitch	4mm
Brightness	>1100 Nits
Refresh Rate	>3840Hz
Weight / m2	<21
Material Brands	
Lamp	Class A
Entegred	Chipone
Powersupply	Meanwell
Controller	Novastar
Connectors : Seetronic	Seetronic
Module Specifications	:
Pixel Configuration	SMD 2020
LED Chip	Cooper
LED	Space Black
Module Size (mm)	320mm x 160mm
Module Resolution	80 x 40
Processing	>14-16 Bit
PCB Quality	Best Qality
Module - Mask Quality	Normal Mask
Picture / Video Quality	High Quality
Grey Scale	>65536
Cabinet Specifications	:
Module Per Cabinet	6 MODULE
Cabinet Size (mm)	640 x 480 x 70
Cabinet Material	Die-Casting Aliminum
Weight Per Panel Net kg.	6,5
Cabinet Resolution	160 x 120
Pixel Density / Cabinet	19200
IP Rating	IP40
Others Specifications	:
Driving IC Type	PWM
Refrate Quality 2	High Refresh
No Waterless Ripple of Camera	>%75
Driving Method " Scan "	1/20
Resolution/SQM	250 x 250
Pixel Density / m2	62500
White Color Calibration (Adj.)	3.500K~8.500K
Horizontal Viewing Angle	140 (±30)
Vertical Viewing Angle	140 (±30)
Low Latency	No
HDR	No
Mapping	Yes
Rotation per 90 Degree	Yes
Free Rotation (with R5)	Optional
Clear View	Optional
Refresh Quality	High Quality
High Refresh (PLL inside)	-
High Refresh Power Saving	Yes
High Refresh Dynamic Power Saving	-
Expected LED Lifetime %50	>100.000 Hours
Operating Temperature Range	-15 – +45 (±10)
Operating Humidity Range	-40! ˮ +60! ,10%-90%RH
Power on Time (<w/sqm)	600
Power Consumption (<w/sqm)	450
Average Power Consumption (<w/sqm)	135
Voltage Range	47 ~ 63Hz / 110 ~ 240 VAC
Version	REV22
Packing include	Plate-Power-Cat5 Cable
Usage Area	Studio, Advertisement, Auditorium, Conference & Concert Hall
Certificate	CE/EMC/LVD-ATR-EUR1 ISO-9001:2015 ISO-14001:2015

CABINET SIZE

size : 640mm

size : 480mm

size : 70mm

6,5KG.

885mm

410mm

size : 2.030mm

12 IN 1
129KG.

QALITY IN DETAIL

PRODUCT PHOTO

FRONT SERVICES

QALITY IN DETAIL

PRODUCT PHOTO

Up - Down
Space

Ball

Magnet
Screw

Power - Signal
in/Out

Magnet
Screw

Up - Down
Space

Ultra High Definition

It delivers a truly amazing picture with extraordinary pixels producing
an image that is HD quality in an LED Screen.ipsum

SAFETY

CASE

CONNECTION

HANDLE

PARST OF FOR WALL

FBALL

FLY BAR

INSTALLLATION

The support structure has to be provided and installed by the customer because they very 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.

HANGING

size : 2.880mm

size : 3.840mm

VISION

ULTRA WIDE VIEWING ANGLE

Both 160° from horizontal & vertical for the viewing angle.
Seeing from five directions, it would be still the natural and clear image in an LED display.

ULTRA FAST RESPONSE

Response speed

Perfect Rendering Dynamic Picture   Smear Ghosting Phenomenon
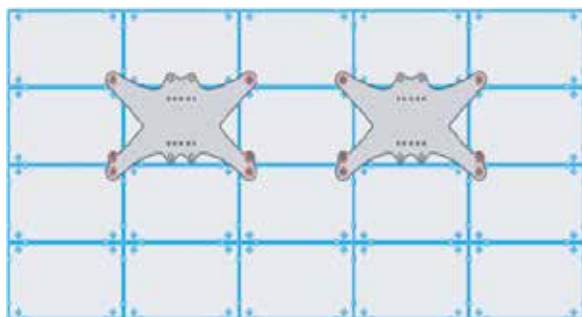
18 BIT GREY SCALE

AVA LED   Others

VISION

AVA LED

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