

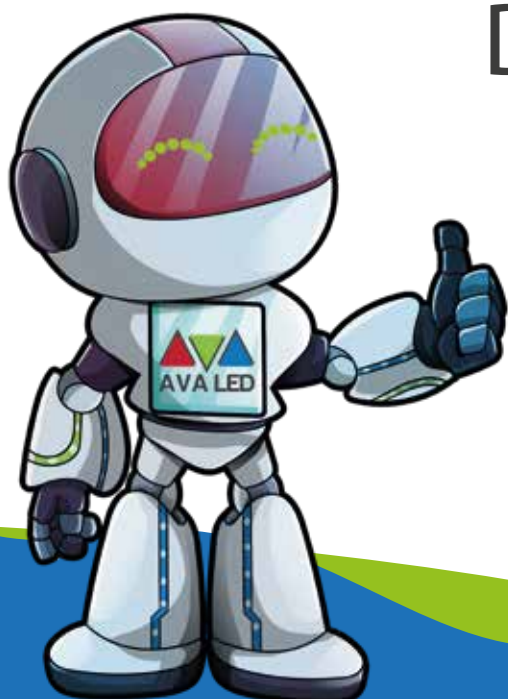


# AVA LED

## TN-PRO-IF-1

### P1,86 Data Sheet

QUALITY IN DETAIL



#### INDOOR FRONT SERVICE SERIES

TN-PRO-IF-1 "P1,86"



02-04	○ Features
05	○ Technical Specification
06 - 08	○ Cabinet Size - Photo
09 - 10	○ Safety - Instalation
11 - 12	○ Vision
13	○ Company Info

# 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.

## TN-PRO-IF-2 "P2,5"

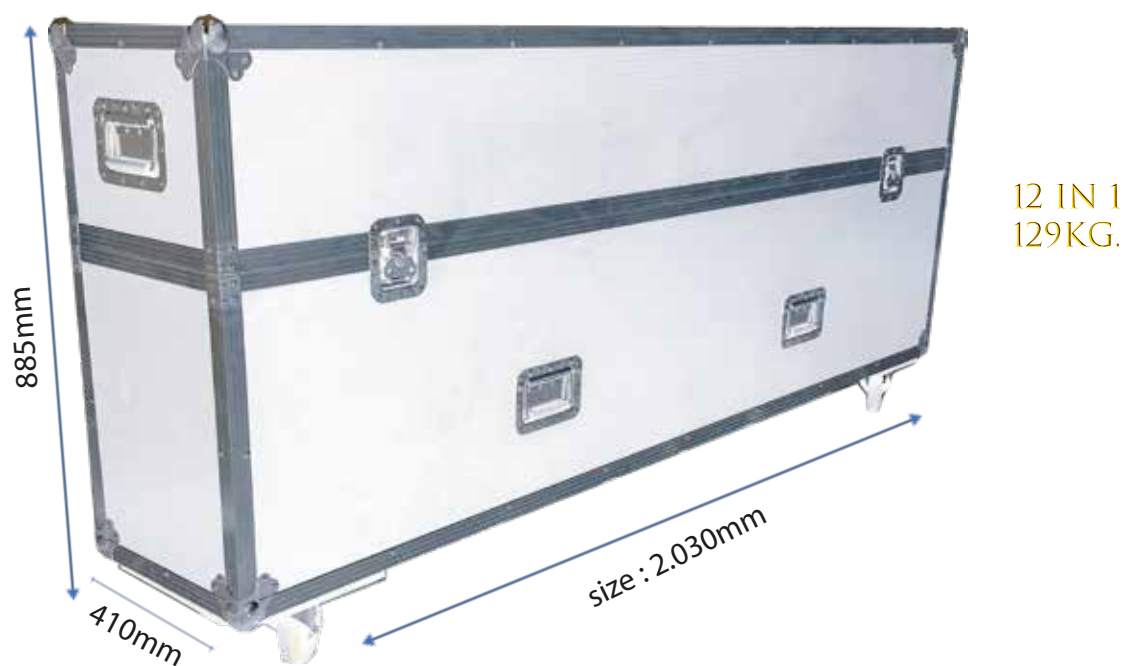
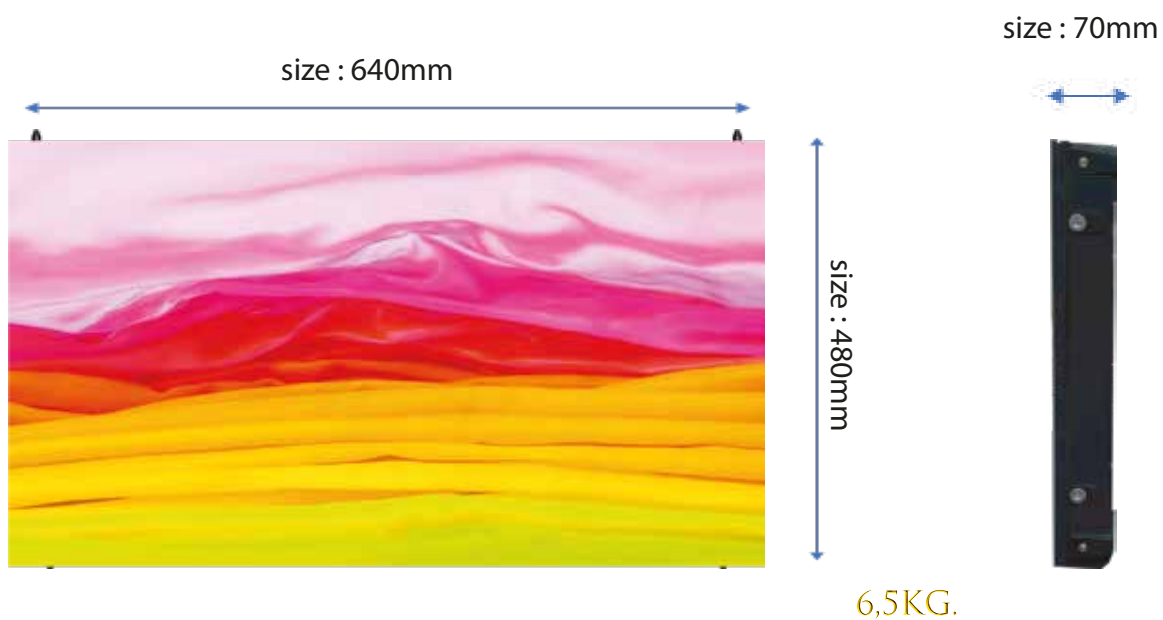
- High Refresh Rate: 3840Hz
- A Class Led Chip
- High Quality PCB
- High Quality MASK
- Rotation 90 Degree

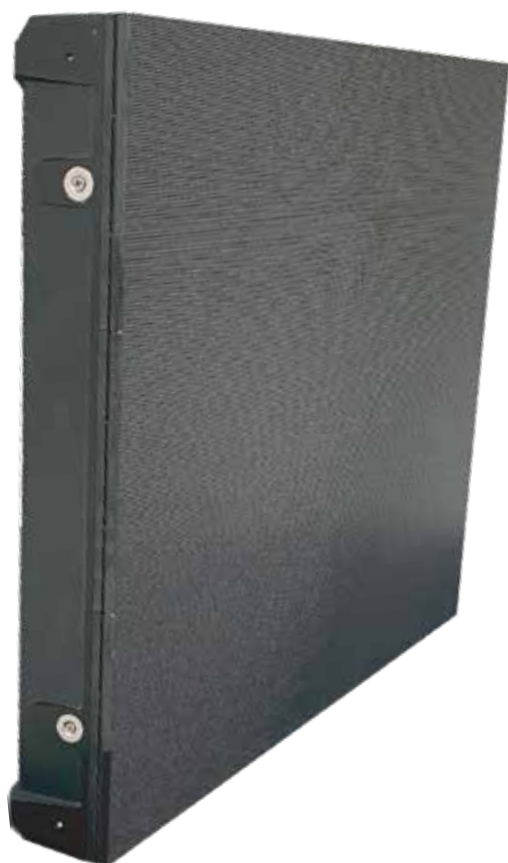


## Features

- \*\*\* 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

MODEL NAME	TN-PRO-IF-1 "P1,86"
Features	:
Series	Pro
Panel installation type	Fix Instalation
Operating Environment	Indoor
Pixel Pitch	1,86mm
Brightness	>800 Nits
Refresh Rate	>3840Hz
Weight / m2	<21
Material Brands	
Lamp	Class A
Entegred	Chipone
Powersupply	Meanwell
Controller	Novastar
Connectors : Setronic	Setronic
Module Specifications	:
Pixel Configuration	SMD 1515
LED Chip	Cooper
LED	Space Black
Module Size (mm)	320mm x 160mm
Module Resolution	172 x 86
Processing	>14-16 Bit
PCB Quality	Best Quality
Module - Mask Quality	Normal Mask
Picture / Video Quality	Best 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	344 x 258
Pixel Density / Cabinet	88753
IP Rating	IP40
Others Specifications	:
Driving IC Type	PWM
Refrate Quality 2	Highend Refresh Rate
No Waterless Ripple of Camera	>%75
Driving Method " Scan "	1/29
Resolution/SQM	538 x 538
Pixel Density / m2	289444
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	-40l * +60l ,10%-90%RH
Power on Time (<w/sqm)	600
Power Consumption (<w/sqm)	530
Average Power Consumption (<w/sqm)	159
Voltage Range	47 ~ 63Hz / 110 ~ 240 VAC
Version	REV22
Packing include	Plate-Power-Cat5 Cable
Usage Area	Studio, Confrence, Meeting Room & TV
Certificate	CE/EMC/LVD-ATR-EUR1 ISO-9001:2015 ISO-14001:2015



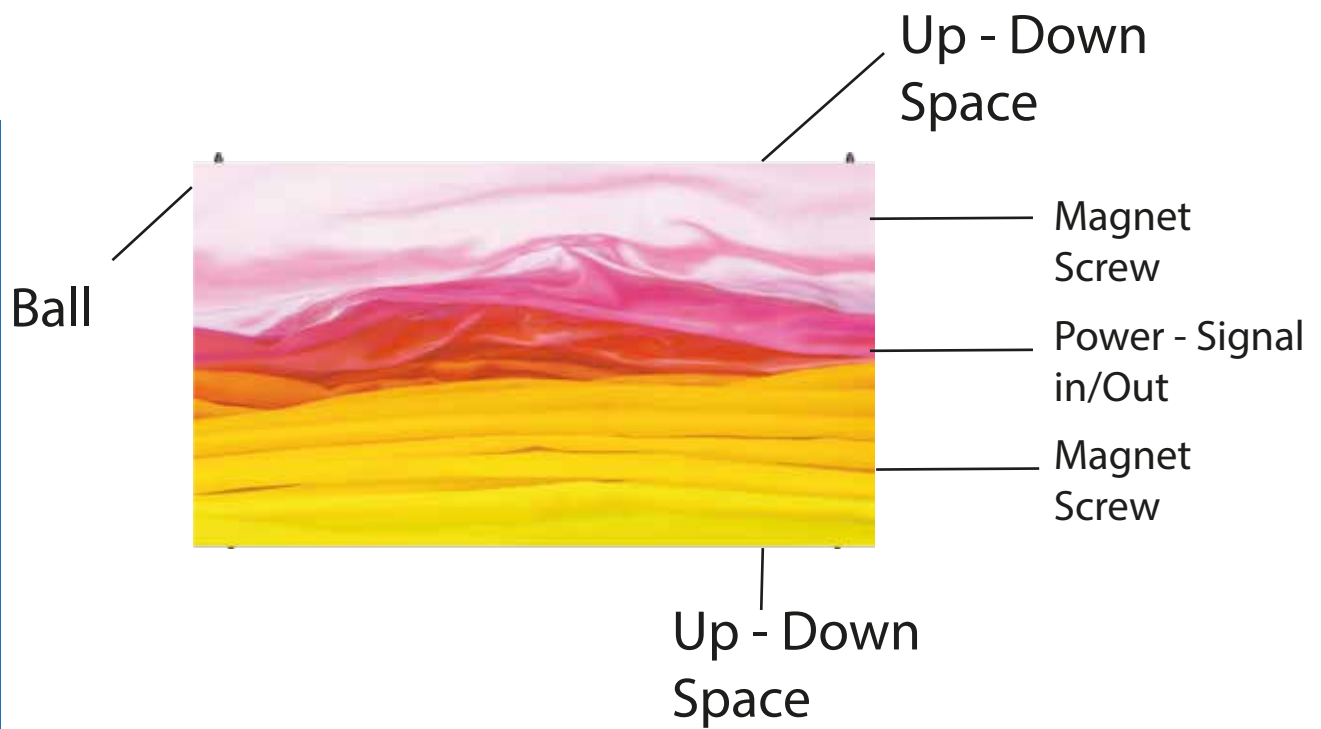


FRONT SERVICES



QUALITY IN DETAIL





## Ultra High Definition

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





CASE



CONNECTION



HANDLE



PARST OF FOR WALL



FBALL



FLY BAR

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.

## HANGING



### 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



Perfect Rendering Dynamic Picture

Response speed



Smear Ghosting Phenomenon

### 18 BIT GREY SCALE

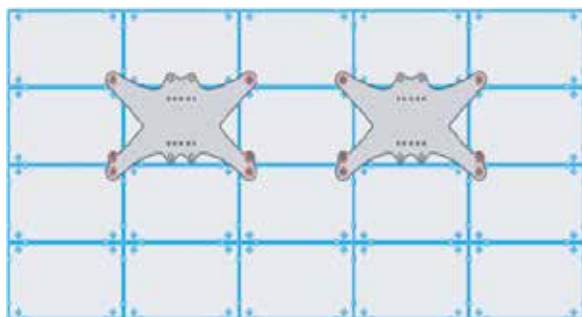


AVA LED



Others





**NEUTRIK®**



**SEETRONIC**

VISION



# AVA LED

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