AVA LED

QALITY IN DETAIL

TN-PRO-OF-5 F

F Series

Data Sheet

OUTDOOR SERIES

TN-PRO-OF-5 F

ISO 9001:2015

CE

CERTIFIED ISO 14001:2015 COMPANY

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FEATURES

- Advanced Contrast Brightness Black technology,
- Advanced High Refresh Rate,
- FRONT SERVICES and Fast installation of panel to Light Frame,
- Just Signal person to install/uninstall, saving labor cost
- High Quality Iron frame design
- No noise, lower power consumption, good heat dissipation.
- Easy and Fast Installation

FEATURES

TN-PRO-OF-5 F

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

FEATURES





P5 Outdoor Products

*** FRONT SERVICE - Back Services
*** Light Weight
*** Weight : 28kg / m2
*** Aliminum, Iron Cabinet
*** 4 in 1 box weight with products: 151kg.
*** Fly case : 3 in 1 , 4 in 1 , 5 in 1 , 6 in 1
*** Faster Cooling
*** Advenced Lock
*** Nova Star Controller
*** BLACK SHELL

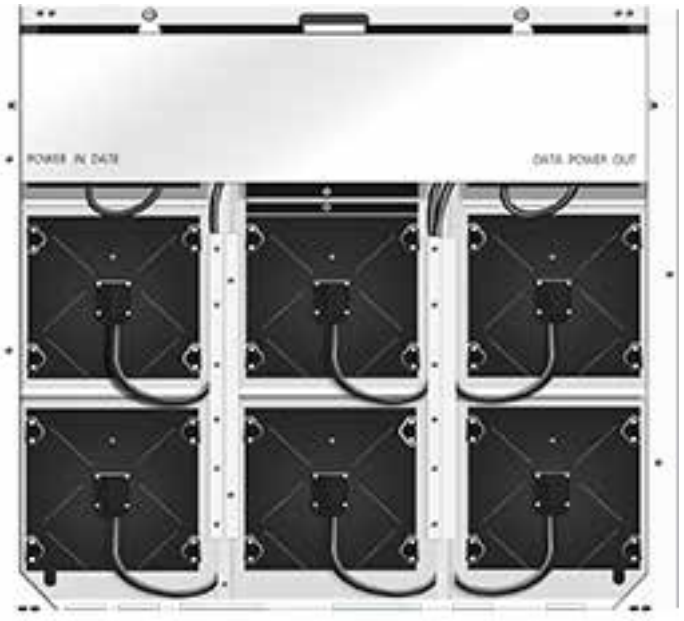
SPECIFICATION

TECHNICAL SPECIFICATION

MODEL NAME	TN-PRO-OF-5
Features	:
Series	F
Panel installation type	Fix Instalation
Operating Environment	Outdoor
Pixel Pitch	5mm
Brightness	>6300 Nits
Refresh Rate	>3840Hz
Weight / m2	<28
Material Brands	
Lamp	Class A
Entegred	Chipone or Smilar
Powersupply	60A x 300W
Controller	Novastar
Connectors : Seetronic	Seetronic
Module Specifications	:
Pixel Configuration	SMD 1921
LED Chip	Cooper
LED	Black Shell
Module Size (mm)	320mm x 320mm
Module Resolution	64 x 64
Processing	>14-16 Bit
PCB Quality	Best Quality
Module - Mask Quality	Normal Mask
Picture / Video Quality	High Quality
Grey Scale	>65536
Cabinet Specifications	:
Module Per Cabinet	9 MODULE
Cabinet Size (mm)	960 x 960 x 115
Cabinet Material	Aliminum / Steel Cabinet
Weight Per Panel Net kg.	25
Cabinet Resolution	192 x 192
Pixel Density / Cabinet	36864
IP Rating	Back IP54 / Front IP67
Others Specifications	:
Driving IC Type	PWM
Refrate Quality 2	High Refresh
No Waterless Ripple of Camera	>%75
Driving Method " Scan "	1/8
Resolution/SQM	200 x 200
Pixel Density / m2	40000
White Color Calibration (Adj.)	3.500K~8.500K
Horizontal Viewing Angle	140 (±30)
Vertical Viewing Angle	140 (±30)
Low Latency	No
HDR	No
Mapping	No
Rotation per 90 Degree	Optional
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! " +60! ,10%-90%RH
Power on Time (<w/sqm)	900
Power Consumption (<w/sqm)	750
Average Power Consumption (<w/sqm)	300
Voltage Range	47 ~ 63Hz / 110 ~ 240 VAC
Version	REV22
Packing include	Plate-Power-Cat5 Cable
Usage Area	Auditorium, Concert Area , Advertisement, Shopping Center, Scoreboard & Totem
Certificate	CE/EMC/LVD-ATR-EUR1 ISO-9001:2015 ISO-14001:2015

CABINET DETAIL

size : 960mm



size : 960mm

28KG.

1.030mm

700mm



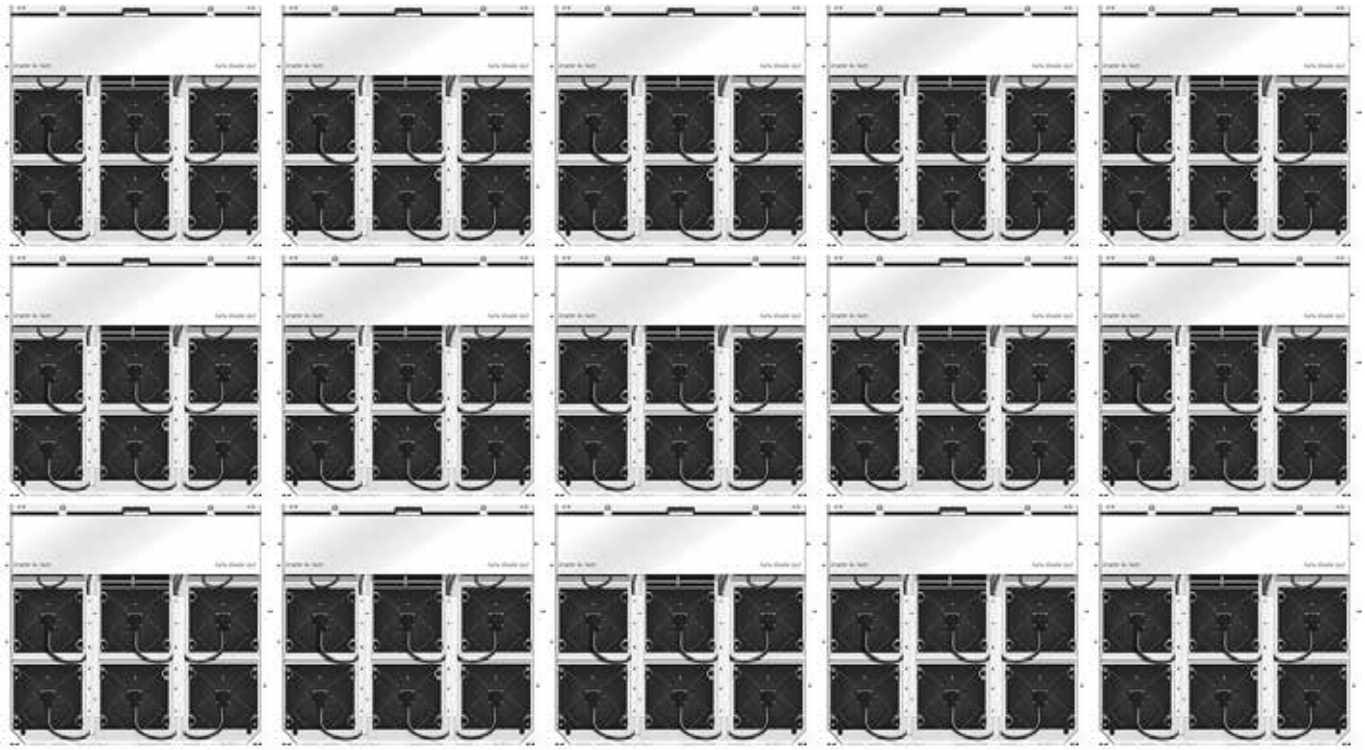
size : 1.150mm

4 IN 1 - 151KG.

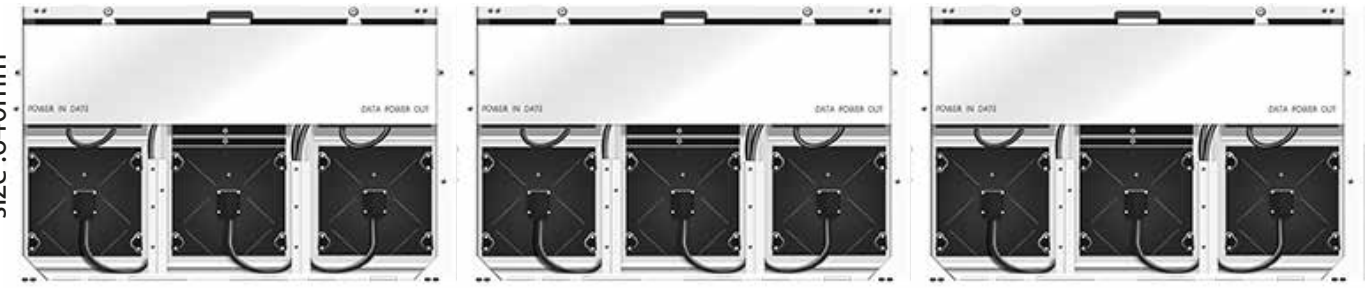
QALITY IN DETAIL

CABINET DETAIL

size : 4.800mm



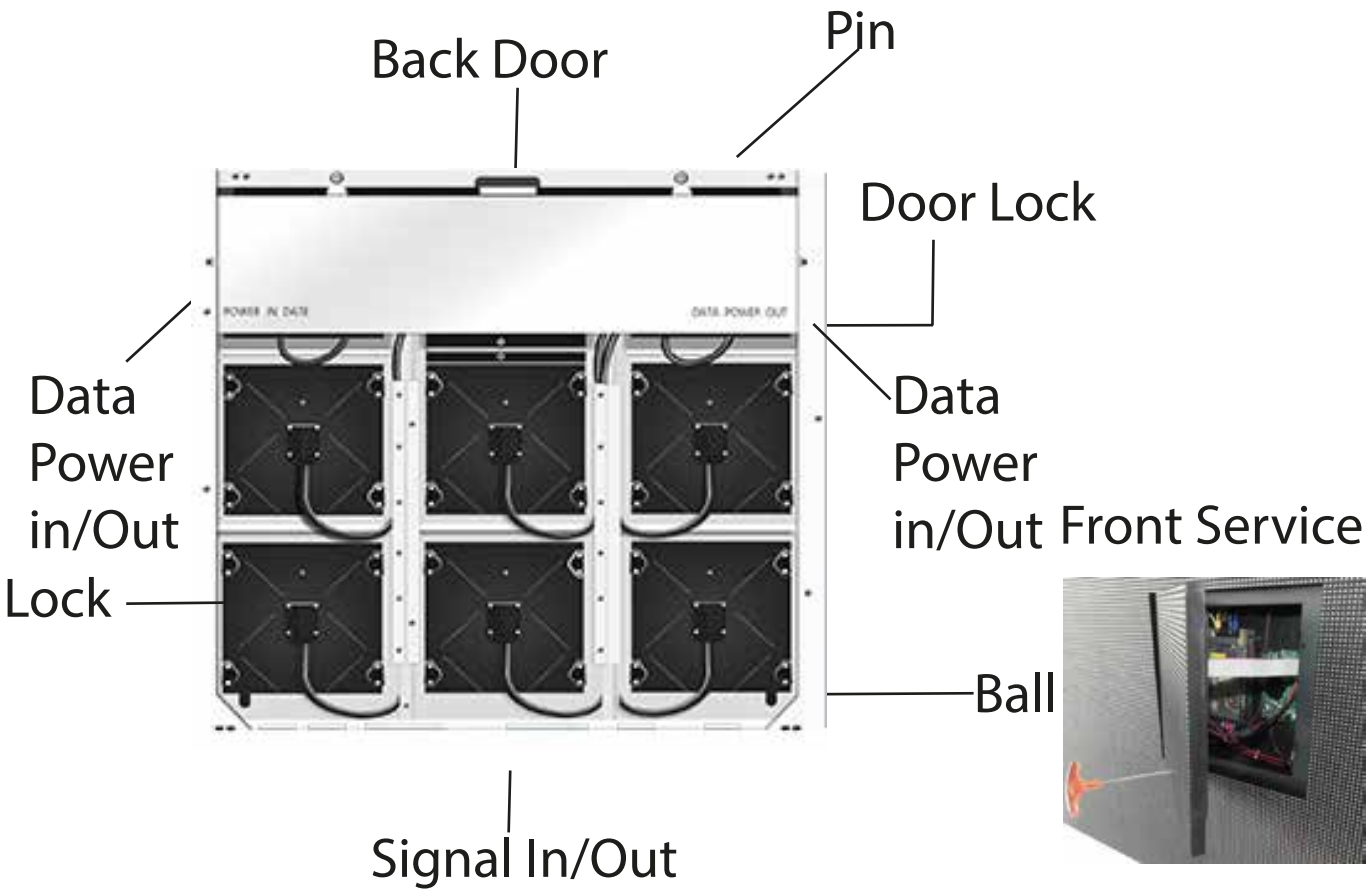
size :640mm



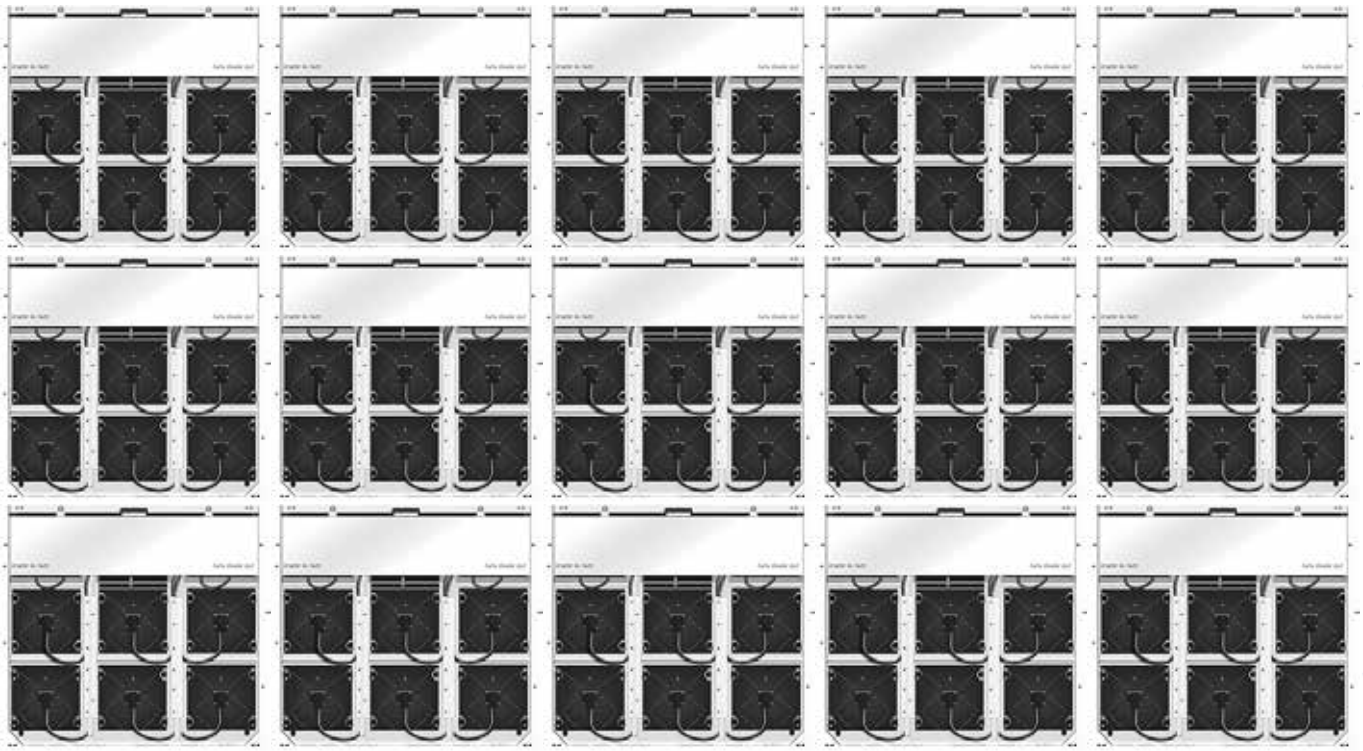
size :320mm



CABINET DETAIL



size : 4.800mm



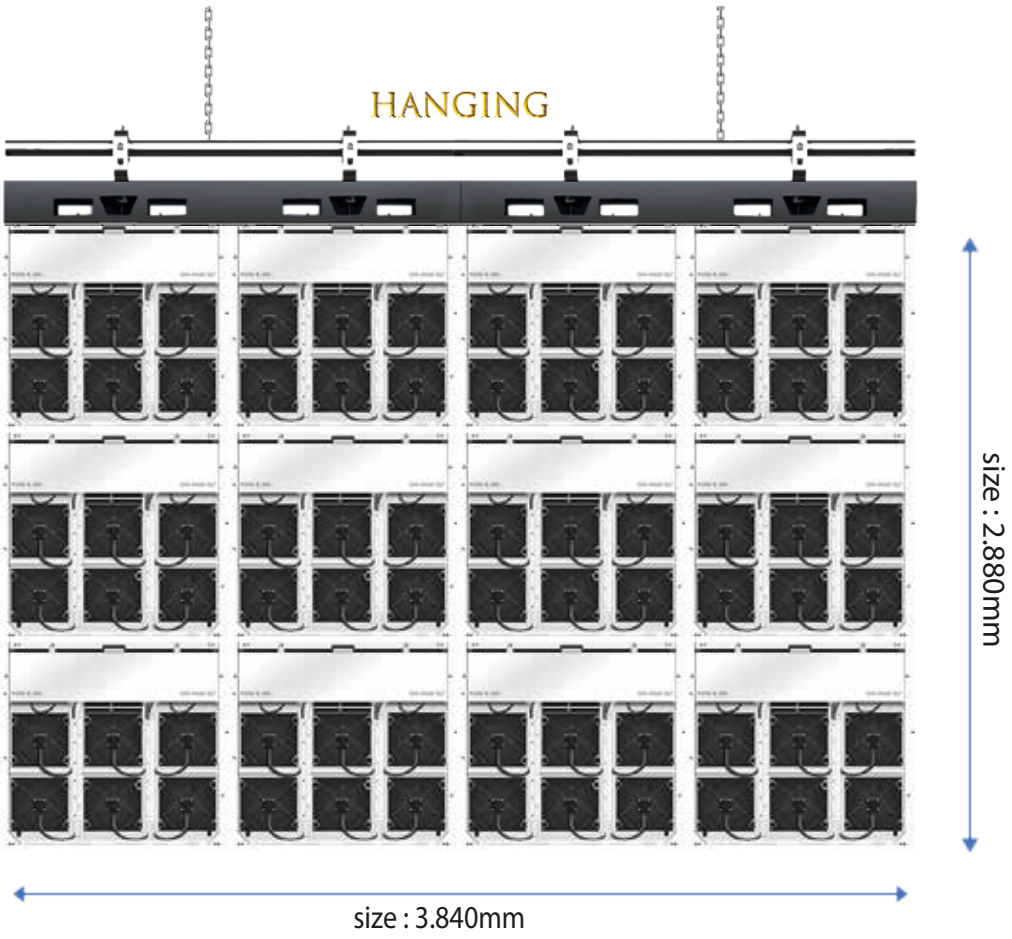
size : 2.880mm

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:

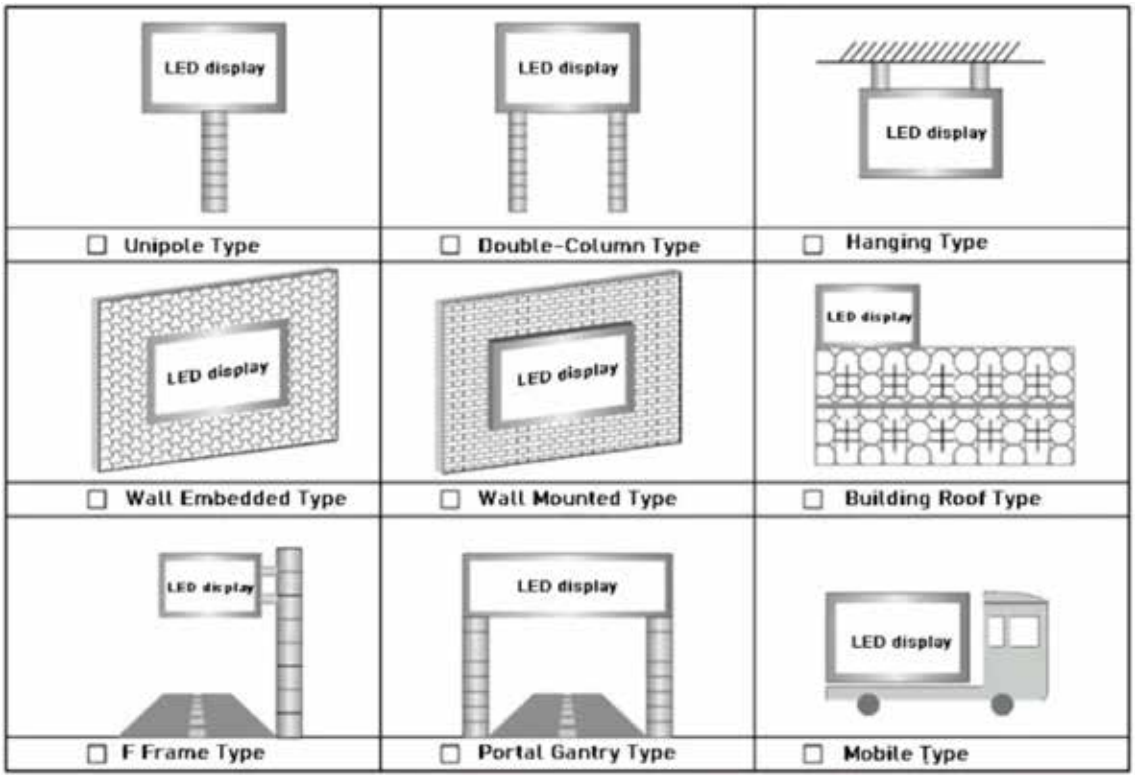
Weight tolerances: Ensure that the support structure and the floor on which or the wall against which the support structure has to be installed, is qualified to handle the complete weight of the LED display screen.(which can be provided by manufacturer.

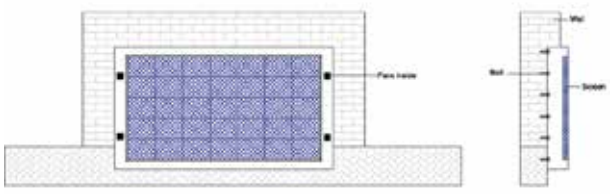
Environmental conditions: Humidity, wind, temperatures, rain, snow etc.

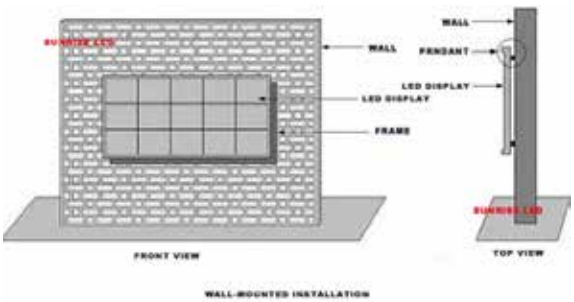
Ground stability
Front clearances: For making sure there is sufficient free area in front of the LED display screen and respect the maximum viewing angles and distance. Local regulations regarding such Front side installation.



INSTALLATION







COMPANY INFO

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