ICON SERIES
LED Display Screen

ICON2.6, 2.9IP,3.9IP

User Manual

DOCUMENT VERSION

Due to additional product features and/or enhancements, an updated version of this document may be available online.
Please check www.fos-lighting.eu for the latest revision/update of this manual before beginning installation and/or programming.

Date	Document Version	Software Version	Hardware Version	Notes
10/12/2025	1.6	N/A	N/A	Update Specifications.

Europe Energy Saving Notice
Energy Saving Matters (EuP 2009/125/EC)
Saving electric energy is a key to help protecting the environment. Please turn off all electrical products when they are not in use. To avoid power consumption in idle mode, disconnect all electrical equipment from power when not in use. Thank you!

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GENERAL INFORMATION

INTRODUCTION

Please read and understand the instructions in this manual carefully and thoroughly before attempting to operate this device. These instructions contain important safety and use information.

FOS's ICON Series LED Display Screens offer the highest quality LEDs.

The primary difference between models is the pixel pitch: the ICON2.6 has a pixel pitch of 2.6mm, the 2.9IP has a pixel pitch of 2.97mm, and the 3.9IP has a pixel pitch of 3.91mm. All models have 4 individual modules for quick and easy front and rear accessible servicing; are built on the same frame, allowing panels with different resolutions to be used together; use the same rigging bar; all fit into the same Flight Case; and all have moveable integrated Corner Protectors that safe-guard the corners when they are not connected. In addition, each ICON Series LED Display Screens model has curve-able quick lock at the right side to allow a user to change the splicing angle between the connection of two panels. This curve-able quick lock allows the concave and convex connections.

The ICON Series LED Display Screens connections include Power In/Out and Data In/Out, and feature built-in Novastar AXs receiving card. An optional Flight Case (purchased separately) can carry up to 8pcs ICON Series LED Display Screens, and an optional Rigging Bar (purchased separately) can hang up to 20pcs ICON Series LED Display Screens vertically.

FOS offers full packages with video processors, software, cabling, rigging bars, and flight cases so that you have everything you need to get up and running.

UNPACKING

Every ICON Series LED Display Screens has been thoroughly tested and has been shipped in perfect operating condition. Carefully check the shipping carton for damage that may have occurred during shipping. If the carton is damaged, carefully inspect the device for damage, and be sure all accessories necessary to install and operate the device have arrived intact. In the event that damage has been found or parts are missing, please contact our customer support team for further instructions. Please do not return this device without first contacting customer support. Please do not dis-card the shipping carton in the trash. Please recycle whenever possible.

GENERAL INFORMATION

Customer Support: Contact FOS Service for any product related service and support needs. Also visit **www.fos-lighting.eu** with questions, comments or suggestions.

Our website:
www.fos-lighting.eu

FOS SERVICE EUROPE - Monday - Friday 08:30 to 17:00 CET
info@fos-lighting.eu

FOS TECHNOLOGIES LTD.
22A, Yuri Gagarin Str., 1113 SOFIA
www.fos-lighting.eu | info@fos-lighting.eu

CAUTION! There are no user serviceable parts inside this unit. Do not attempt any repairs yourself, as doing so will void your manufacturer's warranty. In the unlikely event your unit may require service, please contact **FOS TECHNOLOGIES LTD.**

Do not discard the shipping cartoon in the trash. Please recycle whenever possible.

LIMITED WARRANTY

- FOS TECHNOLOGIES LTD. hereby warrants, to the original purchaser, FOS TECHNOLOGIES LTD. products to be free of manufacturing defects in material and workmanship for a prescribed period from the date of purchase (see specific warranty period on reverse). This warranty shall be valid only if the product is purchased within the United States of America, including possessions and territories. It is the owner's responsibility to establish the date and place of purchase by acceptable evidence, at the time service is sought.

- For warranty service, you must obtain a Return Authorization number (RA#) before sending the product back—please contact FOS TECHNOLOGIES LTD. Service Department. Send the product only to the FOS TECHNOLOGIES LTD. factory. All shipping charges must be prepaid. If the entire instrument is sent, it must be shipped in its original package and packaging material. No accessories should be shipped with the products. If any accessories are shipped with the product, FOS TECHNOLOGIES LTD. shall incur no liability whatsoever for loss of or damage to any such accessories, nor for the safe return thereof.

- This warranty is void if the product serial number and/or labels are altered or removed; if the product is modified in any manner which FOS TECHNOLOGIES LTD. concludes, after inspection, affects the reliability of the product; if the product has been repaired or serviced by anyone other than the FOS TECHNOLOGIES LTD. factory unless prior written authorization was issued to purchaser by FOS TECHNOLOGIES LTD.; if the product is damaged because it was not properly maintained as set forth in the product instructions, guidelines and/or user manual.

- This is not a service contract, and this warranty does not include maintenance, cleaning, or periodic checkup. During the period specified above, FOS TECHNOLOGIES LTD. will replace defective parts at its expense with new or refurbished parts, and will absorb all expenses for warranty service and repair labor by reason of defects in material or workmanship. The sole responsibility of FOS TECHNOLOGIES LTD. under this warranty shall be limited to the repair of the product, or replacement thereof, including parts, at the sole discretion of FOS TECHNOLOGIES LTD..

- FOS TECHNOLOGIES LTD. reserves the right to make changes in design and/or improvements upon its products without any obligation to include these changes in any products theretofore manufactured.

- No warranty, whether expressed or implied, is given or made with respect to any accessory supplied with products described above. Except to the extent prohibited by applicable law, all implied warranties made by FOS TECHNOLOGIES LTD. in connection with this product, including warranties of merchant-ability or fitness, are limited in duration to the warranty period set forth above. And all warranties, whether expressed or implied, including warranties of merchant-ability or fitness, are limited in duration to the warranty period set forth above. The consumer's and/or dealer's sole remedy shall be such repair or replacement as is expressly provided above; and under no circumstances shall FOS TECHNOLOGIES LTD. be liable for any loss and/or damage, direct and/or consequential arising out of the use of, and/or inability to use this product.

- This warranty is the only written warranty applicable to FOS TECHNOLOGIES LTD. products, and supersedes all prior warranties and written descriptions of warranty terms and conditions heretofore published.

MANUFACTURER'S LIMITED WARRANTY PERIODS:

1. LED Products = 2-Year (730 Days) (excluding batteries which have a 180 Day Limited Warranty)
2. NOTE: 2-Year (730 Days) Limited Warranty ONLY applies to product purchased directly from FOS TECHNOLOGIES LTD. or Authorized warehouse and distributors.

SAFETY GUIDELINES

The ICON Series LED Display Screen is a sophisticated piece of electronic equipment. To guarantee smooth operation, it is important to follow all instructions and guidelines in this manual. FOS is not responsible for injury and/or damages resulting from the misuse of this panel due to the disregard of the information printed in this manual. Only qualified and/or certified personnel should perform the installation of this panel and all included rigging parts and/or accessories. Only the original included rigging parts and/or rigging accessories for this panel should be used for proper installation. Any modifications to the panel, including to rigging and/or accessories, will void the original manufacturer's warranty and increase the risk of damage and/or personal injury.

PROTECTION CLASS 1 - PANEL MUST BE PROPERLY GROUNDED.

THERE ARE NO USER SERVICEABLE PARTS INSIDE THIS PANEL. DO NOT ATTEMPT TO PERFORM ANY REPAIRS BY YOURSELF, AS DOING SO WILL VOID YOUR MANUFACTURER'S WARRANTY. DAMAGES RESULTING FROM MODIFICATIONS TO THIS PANEL AND/OR THE DISREGARD OF SAFETY INSTRUCTIONS AND GUIDELINES IN THIS MANUAL VOID THE MANUFACTURER'S WARRANTY AND ARE NOT SUBJECT TO ANY WARRANTY CLAIMS AND/OR REPAIRS.

DO NOT PLUG PANEL INTO A DIMMER PACK!
NEVER OPEN THIS PANEL WHILE IN USE!
UNPLUG POWER BEFORE SERVICING PANEL!
NEVER TOUCH FRONT OF PANEL DURING OPERATION, AS IT MAY BE HOT!
KEEP FLAMMABLE MATERIALS AWAY FROM PANEL.

DO NOT EXPOSE THE INDOOR PANEL TO RAIN AND/OR MOISTURE!
DO NOT SPILL WATER AND/OR LIQUIDS ON OR INTO THE INDOOR PANEL!

SAFETY GUIDELINES

- DO NOT touch panel housing during operation. Turn OFF power and allow approximately 15 minutes for panel to cool down before servicing.
- DO NOT operate devices with covers open and/or removed.
- DO NOT shake panel, and avoid brute force when installing and/or operating.
- DO NOT expose any part of the panel to open flame or smoke. Keep panel away from heat sources such as radiators, heat registers, stoves, or other appliances (including amplifiers) that produce heat.
- DO NOT install/use in extremely hot/humid environments, or handle without ESD precautions.
- DO NOT exceed an operation temperature of 40°C (104°F), as doing so will result in damage to the device.
- DO NOT operate if power cord is frayed, crimped, damaged, and/or if any of the power cord connectors are damaged and do not insert into the panel securely and with ease. NEVER force a power cord connector into the panel. If the power cord or any of its connectors are damaged, replace immediately with a new cord and/or connector of the same power rating.
- DO NOT block air ventilation slots/vents. All fan and air inlets must remain clean and never blocked.
- Allow approximately 6" (15cm) between panel and other devices or a wall for proper cooling.
- ALWAYS disconnect panel from main power source before performing any type of service and/or cleaning procedure.
- Only handle the power cord by the plug end, and never pull out the plug by tugging the wire portion of the cord.
- ONLY use the original packaging materials and/or case to transport the panel in for service.
- PLEASE recycle shipping boxes and packaging whenever possible.
- To avoid causing physical damage, read the installation instructions carefully before installation.
- Panels should be installed/operated by qualified and trained professionals ONLY.
- Always mount panels in a safe and stable manner.
- Wear appropriate safety equipment during panel installation.
- Turn OFF power to panel, computers, servers, system boxes, and monitors before making any type of power or data connections and before performing any maintenance work.
- Electronics used in this panel are ESD (Electrostatic Discharge) sensitive. To protect device from ESD, wear a grounded ESD wrist strap or similar grounding device when handling panel.
- Panel must be properly grounded before operating. (resistance must be less than 4Ω)
- Ensure all power is disconnected from panel before unplugging any data cables from the panel, especially serial line ports.
- Route power and data cables so that they are NOT likely to be walked on or pinched.
- Air conditioning is required if operating environment temperature exceeds 30°C (86°F).
- If panels are not in regular use for an extended period, it is advised to test run the devices for 2 hours each week to ensure that they remain in proper working condition.
- Cases used to transport panel must be properly waterproofed for transportation.
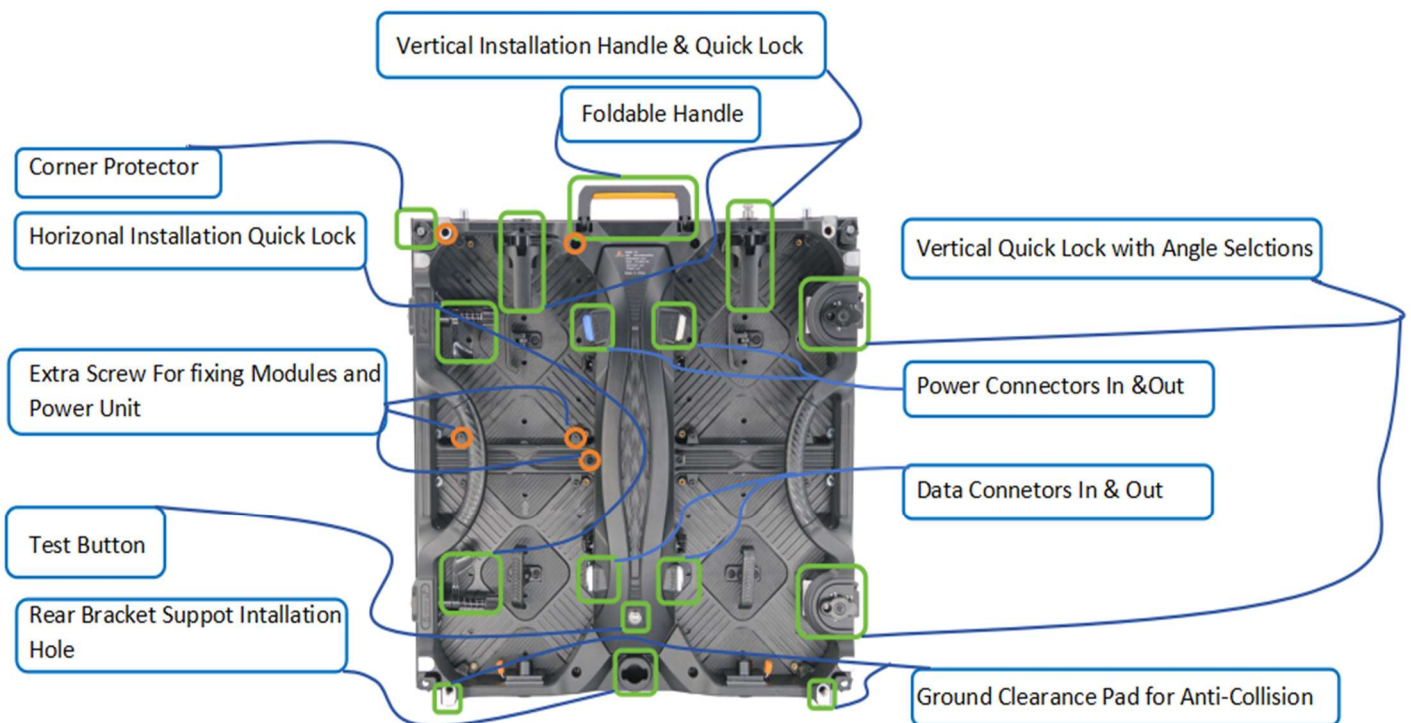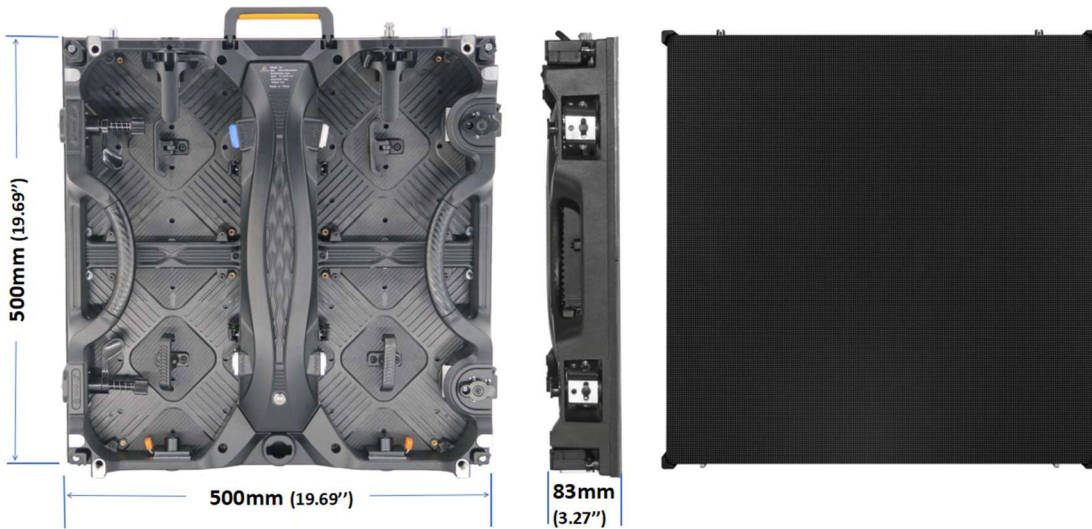
MAINTENANCE GUIDELINES

- Careful and regular maintenance is necessary to optimize the potential functional lifespan of the ICON Series LED Display Screens
- Read the installation and operation instructions for correct operation of the ICON Series LED Display Screens.
- Although the ICON Series LED Display Screens are designed and built to withstand some impact forces when installed correctly, care should still be taken to avoid impact damage when handling or transporting them, especially at or near the corners and edges of the devices, which are particularly susceptible to damage during transportation.
- The fixture should be serviced by a qualified service technician when:
  - The Indoor Objects have fallen onto, or liquid has been spilled into the fixture
  - The Indoor Model has been exposed to rain or water conditions in excess of IP rating parameters for an IP20 device. This includes exposure from the front, rear, or side of the panels.
  - The fixture does not appear to operate normally or exhibits a marked change in performance.
  - The fixture has fallen and/or has been subjected to extreme handling.
- Check each ICON Series LED Display Screens for loose screws and other fasteners.
- If the ICON Series LED Display Screens installation is fixed or displayed for a lengthy time, regularly inspect all rigging and installation equipment, and replace or repair as necessary.
- During long periods of non-use, disconnect the main power to the unit.
- Use necessary ESD (electrostatic discharge) precautions when handling ICON Series LED Display Screens, especially the LED screens, as they are ESD sensitive and easily damaged from ESD exposure.
- The Null Line and Live Line connections from the computer and control system cannot be reversed and should therefore only be connected in original layout order.
- If the GFI (Ground Fault Interrupt) breaker-switch trips often, check the display or replace the power-supply switch.
- When operating the ICON Series LED Display Screens, power up the computer before powering up the ICON Series LED Display Screens. Conversely, when shutting down after operation, turn the ICON Series LED Display Screens off before turning off the computer. If the computer is turned off while the panels are still powered on, a high intensity spike of brightness may occur, resulting in catastrophic damage to the LEDs.
- If a circuit shorts out, a breaker-switch trips, wires burn, and or any other abnormality appears while conducting an electrical test, discontinue testing, and troubleshoot units to find the problem before continuing with any testing or operation.
- To ensure consistent operation, it might be necessary to learn operating parameters for installation, data recovery, backup, controller settings, and basic data preset modification.
- Regularly check computer for any viruses and remove any irrelevant data.
- Only a qualified technician should operate software system.
- Remove any moisture found inside or outside of any ICON Series LED Display Screens before dismantling installation and returning them to their optional flight cases (sold separately). En-sure flight cases are free of any moisture, using a fan to dry them if necessary, and avoid frictional contact that may result in ESD generation when returning ICON Series LED Display Screens to the flight cases.
- The ICON Series LED Display Screens ICON2.6 are designed for indoor use only, within its IP20 rating parameters (front / rear). Limit or remove any unit exposed to moisture, condensation, or humidity, and consider using air conditioning where available.
- When not in use, store ICON Series LED Display Screens in a dry, well ventilated facility.

PANEL OVERVIEW

DIMENSIONS: 500mm x 500mm x 83mm (19.69'' x 19.69'' x 3.27'')

500mm (19.69'')

500mm (19.69'')

83mm (3.27'')

Vertical Installation Handle & Quick Lock

Foldable Handle

Corner Protector

Horizonal Installation Quick Lock

Vertical Quick Lock with Angle Selctions

Extra Screw For fixing Modules and Power Unit

Power Connectors In &Out

Data Connetors In & Out

Test Button

Rear Bracket Suppot Intallation Hole

Ground Clearance Pad for Anti-Collision

PANEL OVERVIEW

Each ICON Series LED Display Screens includes a quick-release power supply with 4X LED Modules, allowing for easy serviceability and simple repairs whilst out on the road, and each is held safely in place with both screws and frame integrated magnets. The cover of the power supply box can be secured to protect all internal accessories and components. All detachable components are secured with a safety cable and screws.
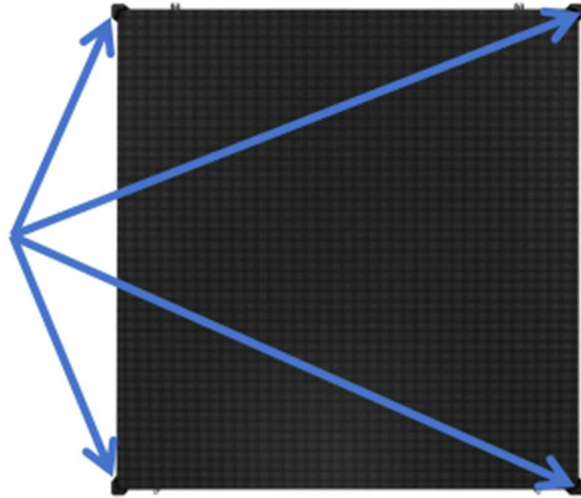

Safety Wire

HANDLING AND TRANSPORTATION

INTEGRATED CORNER PROTECTORS

The corners of the ICON Series LED Display Screens are susceptible to damage during handling and transportation. When removing ICON Series LED Display Screens from their respective Flight Cases (sold separately), and before they are installed, take care to avoid damaging any of the 4 corners.

Anti-Collision Cabinet with Corner Protectors

The integrated corner protectors rotate out of their respective housing pockets to protect the corners during storage or transportation (below right). During installation, these corner protectors can be rotated back into their housing pockets to allow for the fitment of adjacent panels (below left).

HANDLING AND TRANSPORTATION

ELECTROSTATIC DISCHARGE (ESD) PRECAUTIONS

Because these are ESD sensitive units, ESD precautions must be observed when removing the ICON Series LED Display Screens from their flight case (ESD gloves, protective clothing, wrist straps, etc.). In addition to using standard ESD precautions, in order to reduce static building friction, take care to lift the panels without rubbing the LED panel surface along the foam-covered slots, which can generate static electricity that can damage LEDs on ICON Series LED Display Screens.

FLIGHT CASE

The optional Flight Case (sold separately) for the ICON Series LED Display Screens holds eight (8) individual ICON Series LED Display Screens. The flight case features a full foam lining with slots for each unit. The case is robust, offering complete protection for a set of panels on the road. Designed specifically for use with ICON Series LED Display Screens, it is constructed from plywood and fitted with steel ball corners, aluminum edging, large swivel castors, professional butterfly latches, four sprung handles, and a hinged lid.

INSTALLATION

**DO NOT INSTALL THE PANEL IF YOU ARE NOT QUALIFIED TO DO SO!
INSTALLATION BY QUALIFIED TECHNICIANS ONLY!
INSTALLATIONS SHOULD BE CHECKED BY A QUALIFIED PERSON AT LEAST
ONCE A YEAR!**

**FLAMMABLE MATERIAL WARNING
Keep panel(s) a minimum of 5.0 feet (1.5m) away from flammable materials and/or
pyrotechnics.**

**ELECTRICAL CONNECTIONS
A qualified electrician should be used for all electrical connections and/or
installations.**

**A MAXIMUM OF 20 PANELS may be suspended from each other in a vertical
column. There is no limit on the number of panels that may be installed in a single
horizontal row. Note that additional processing power may be necessary to
operate quantities of panels.**

**USE CAUTION WHEN POWER LINKING PANELS OF DIFFERENT MODEL TYPES,
AS POWER CONSUMPTION CAN VARY WITH MODEL TYPE, AND MAY EXCEED
THE MAX POWER OUTPUT OF THIS PANEL. CONSULT THE SILK SCREEN FOR
MAX CURRENT RATING.**

Input Power	**AC 100-240VAC, 50/60Hz, 20A Max**
Output Power	**AC 100-240VAC, 50/60Hz, 20A Max**
Max Power Consumption	**150W Max, 60W Average**

- **WARNING!** The safety and suitability of any lifting equipment, installation location/platform, anchoring/rigging/mounting method and hardware, and electrical installation is the sole responsibility of the installer.
- Panel(s) and all panel accessories and all anchoring/rigging/mounting hardware **MUST** be installed following all local, national, and country commercial electrical and construction codes and regulations.
- Before rigging/mounting a single panel or multiple interconnected panels to any metal truss/structure, a professional equipment installer **MUST** be consulted to determine if the metal truss/structure or surface is properly certified to safely hold the combined weight of the panels(s), clamps, cables, and all accessories.
- Inspect metal truss/structure visually to ensure it does not flex and/or become deformed due to the weight of the panel(s). Damage caused to panel(s) by mechanical stress is not covered by warranty.
- Panel(s) should be installed in areas outside walking paths, seating areas, and areas where unauthorized personnel might reach the panel(s) by hand. Access under work area must be blocked.
- **NEVER** stand directly below the panel(s) when rigging, removing, or servicing.
- **OVERHEAD RIGGING:** Overhead fixture installation must always be secured with a secondary safety attachment, such as an appropriately rated safety cable. Overhead rigging requires extensive experience, including calculating working load limits, knowledge of the installation material being used, and periodic safety inspection of all installation material and the fixture itself, among other skills. If you lack these qualifications, do not attempt the installation yourself. Improper installation can result in bodily injury and property damage.

INSTALLATION

- The horizontal tab-keyed connector is spring loaded.

- Press the horizontal tab-keyed connector until the tab-key passes through the tab-keyed socket.

- Rotate the handle to the right (clock- wise) to hold the horizontal tab-keyed connector in place.

Rotate handle downward (counter-clockwise) to cinch the horizontal tab-keyed connector.

- To unlock, rotate handle clockwise, releasing the tension of the horizontal tab- keyed connector cinching mechanism.

Curve-able Quick LOCK ASSEMBLY

- The arc lock supports angle adjustments of -5° / -2.5° / 0° / +2.5° / +5°

- Lift the arc lock handle and rotate it to the desired angle mark.

- Release the handle and the arc lock will automatically secure the angle.

- Repeat the same operation for both side locks to complete the cabinet connection.

VERTICAL PANEL ASSEMBLY
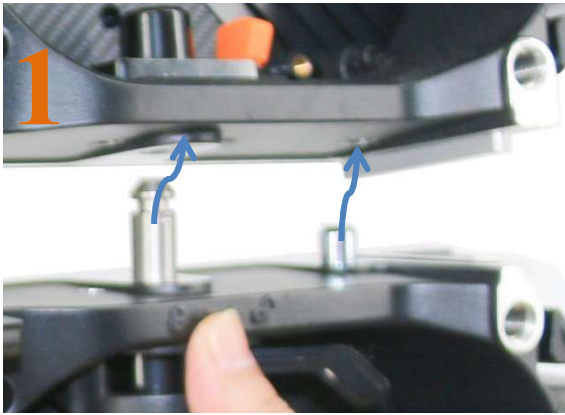
- Align the vertical positional posts with their corresponding alignment holes.
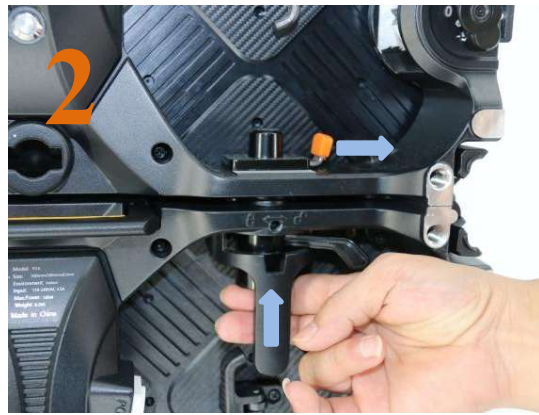
- The spring-loaded locking latch will toward the left then pressing the vertical connector upwards into the locking latch.

- Lock the panel in place by twisting the vertical connector level to the left.

- To unlock, twist the vertical connector level to the right while pressing the spring-loaded locking latch toward the lift.
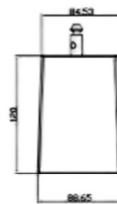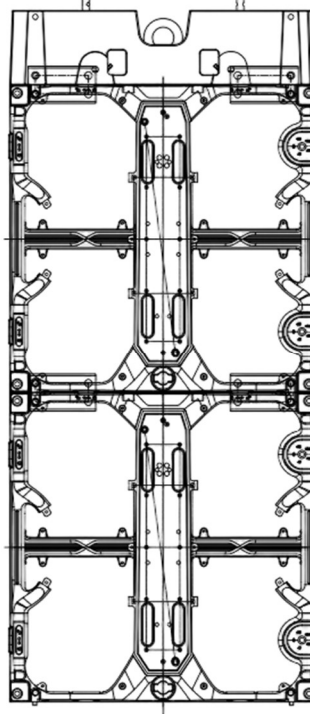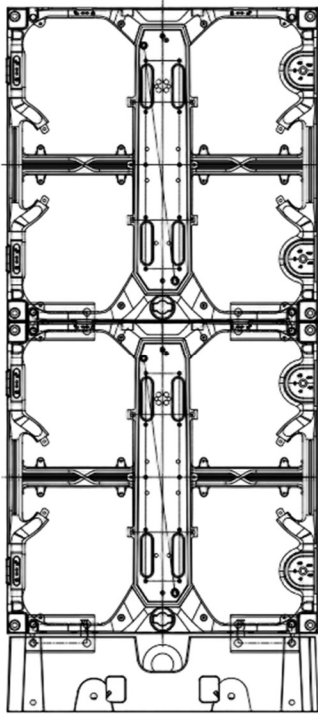
RIGGING BAR

The ICON Series LED Video Panel is compatible with Rigging Bar (sold separately), which easily and securely locks to the top of the first panel in a vertical column of up to 25pcs ICON Series LED Video Panels, allowing them hang from a truss, hoist, or lintel beam. A qualified technician or trained professional is required to fly the Rigging Bar and LED Video Panel and assembly.
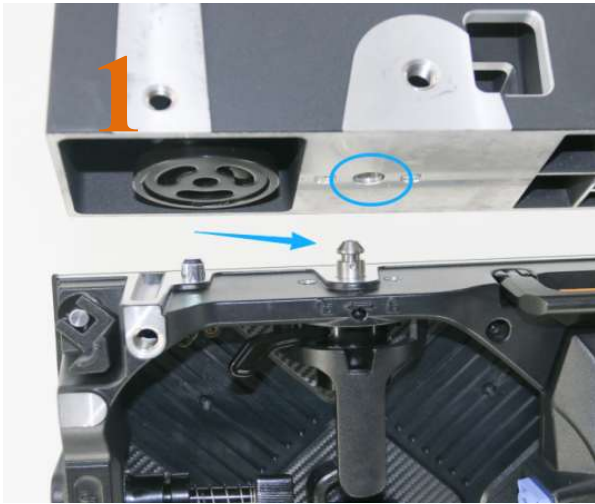
RIGGING BAR

Vertical "hang" and "stack" configurations are illustrated below with the rigging bar.
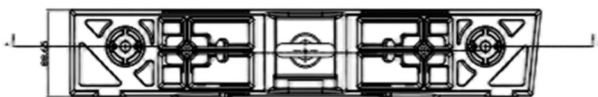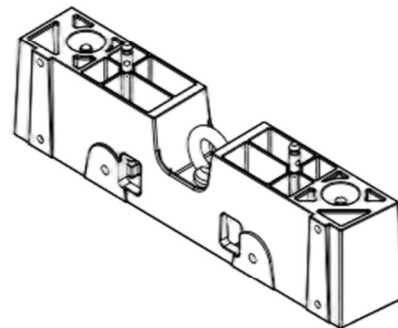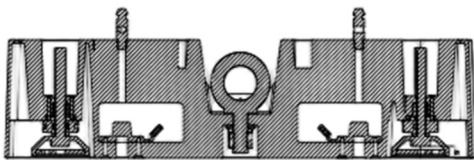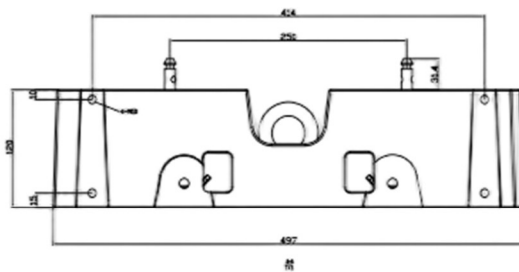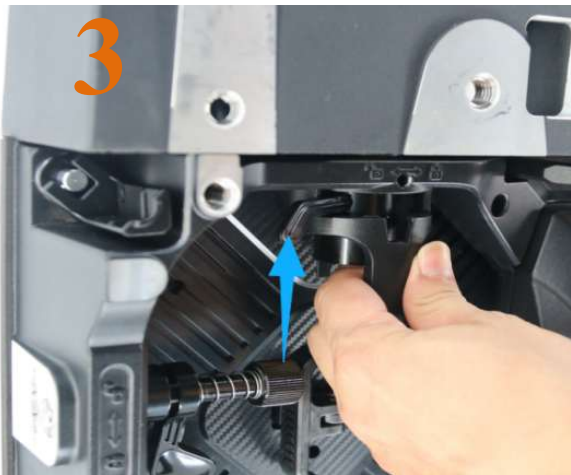
RIGGING BAR

VERTICAL HANG CONFIGURATION FOR SINGLE INSTALLER

1. Align the vertical positional posts with their corresponding alignment holes.

2. Press the lock bar with your index fingers.

4. Push the locking bar up into locking latch.

3. Twist vertical connector the left & right to lock.

RIGGING BAR

VERTICAL STACK CONFIGURATION

1. Align the vertical positional posts with their corresponding alignment holes.

2. After alignment and connection, the vertical connector will automatically lock into the rigging bar.

For Security

Complete Action 1 and remain still for Action 2.

3. To unlock the vertical connector, press the spring-loaded locking latch inward. The vertical connector will then drop open.

USE CAUTIONS WHEN INSTALLING VIDEO PANELS USING THE RIGGING BAR FOR STACKED ASSEMBLIES. THESE DEVICES ARE NOT INTENDED FOR USE AS A FREE-STANDING ASSEMBLY, AND ARE INHERENTLY UNSTABLE. STACKED VIDEO PANEL ASSEMBLIES MUST BE SECURELY INSTALLED BY A QUALIFIED TECHNICIAN ONLY!

FLAT PANEL ASSEMBLY

Rear Support Bracket: Use an Rear Support Bracket (sold separately) when connecting multiple panels for a larger display design, in order to strengthen the structural integrity of the screen, improve consistent flatness, and improve overall screen continuity.
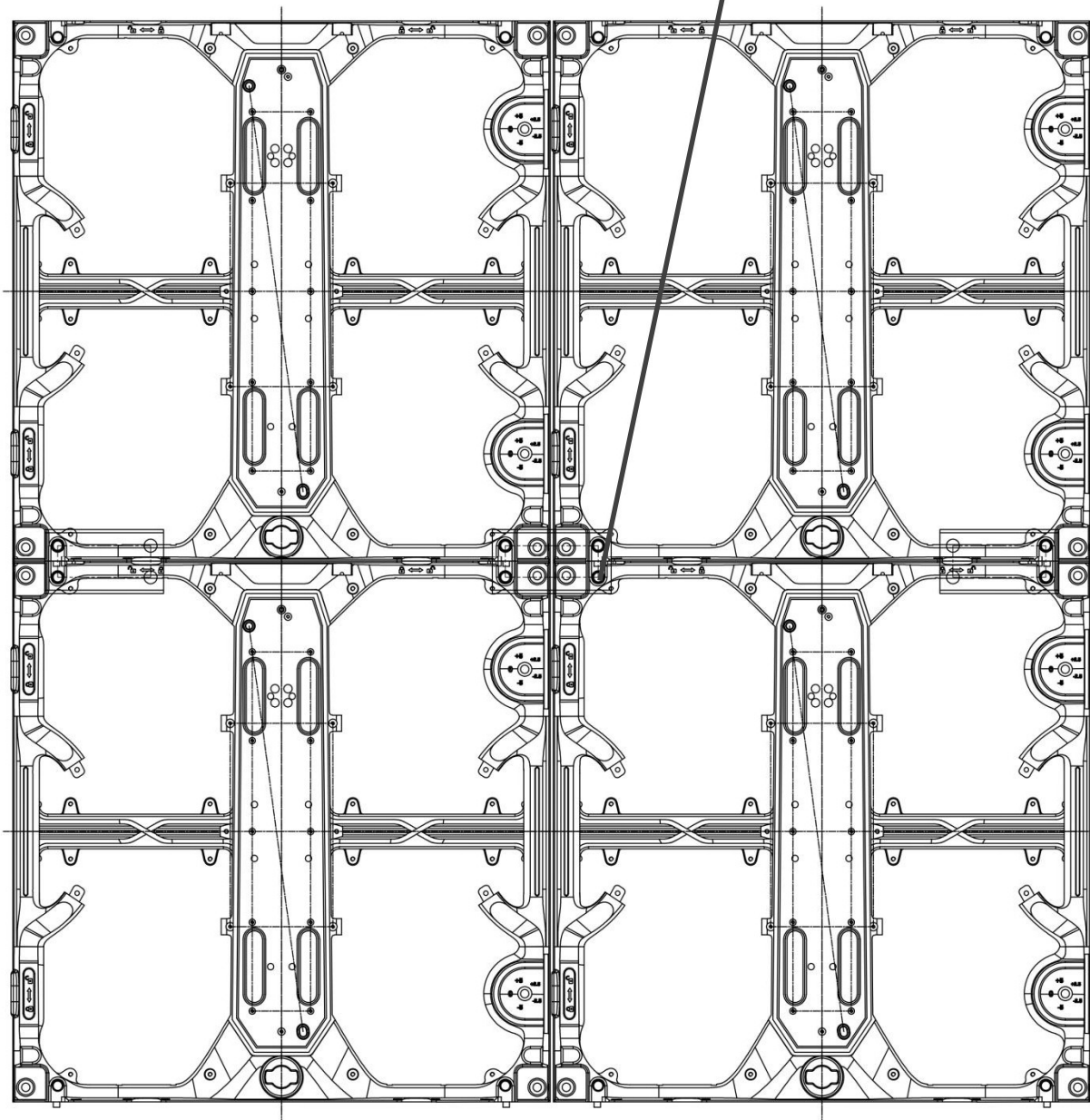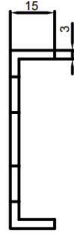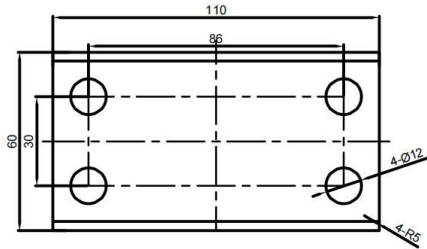
HORIZONTAL TRUSS MOUNT

The optional **Telescopic Arm (sold separately)** allows for the horizontal (ceiling) installation of the ICON Series LED Display Screens.
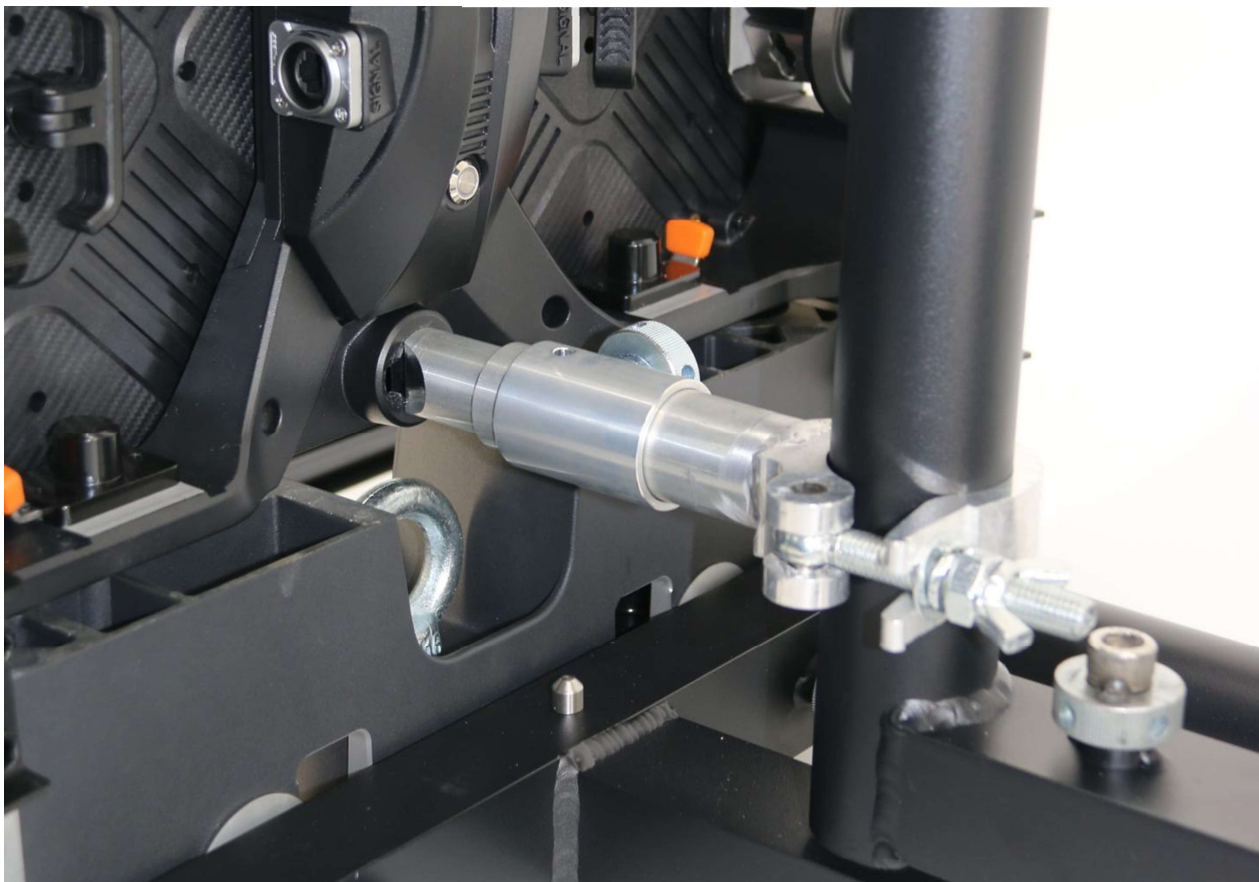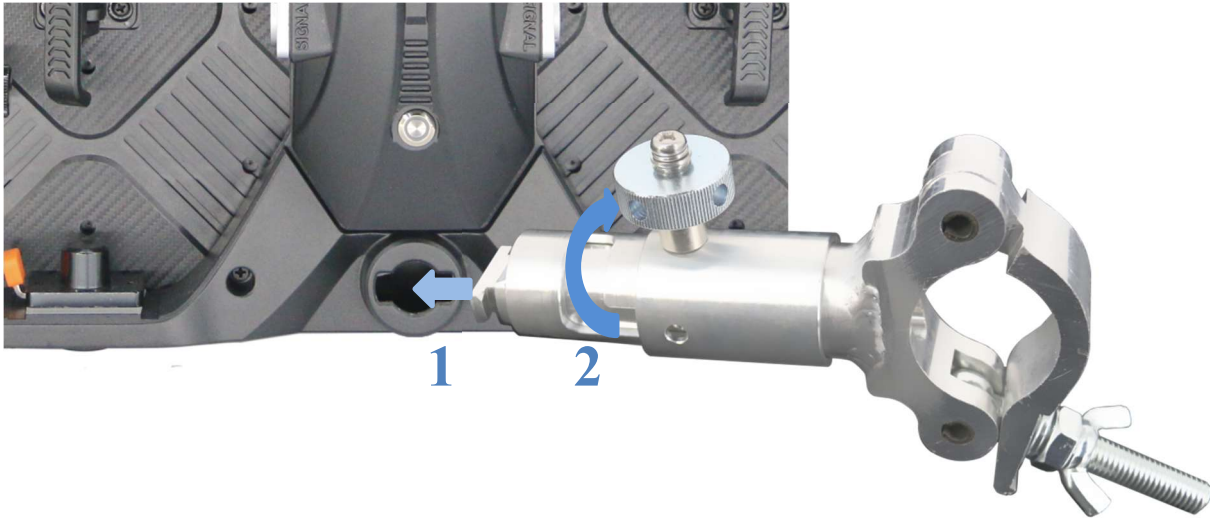
GROUND STACK

The optional **support back frame** is a free-standing stack mounting operations for the ICON Series LED Display Screens

Use the flywheel bolts to secure the ICON Series LED display to the support base.

Feet cup adjust the leveling of brackets to match the height of ground beam.
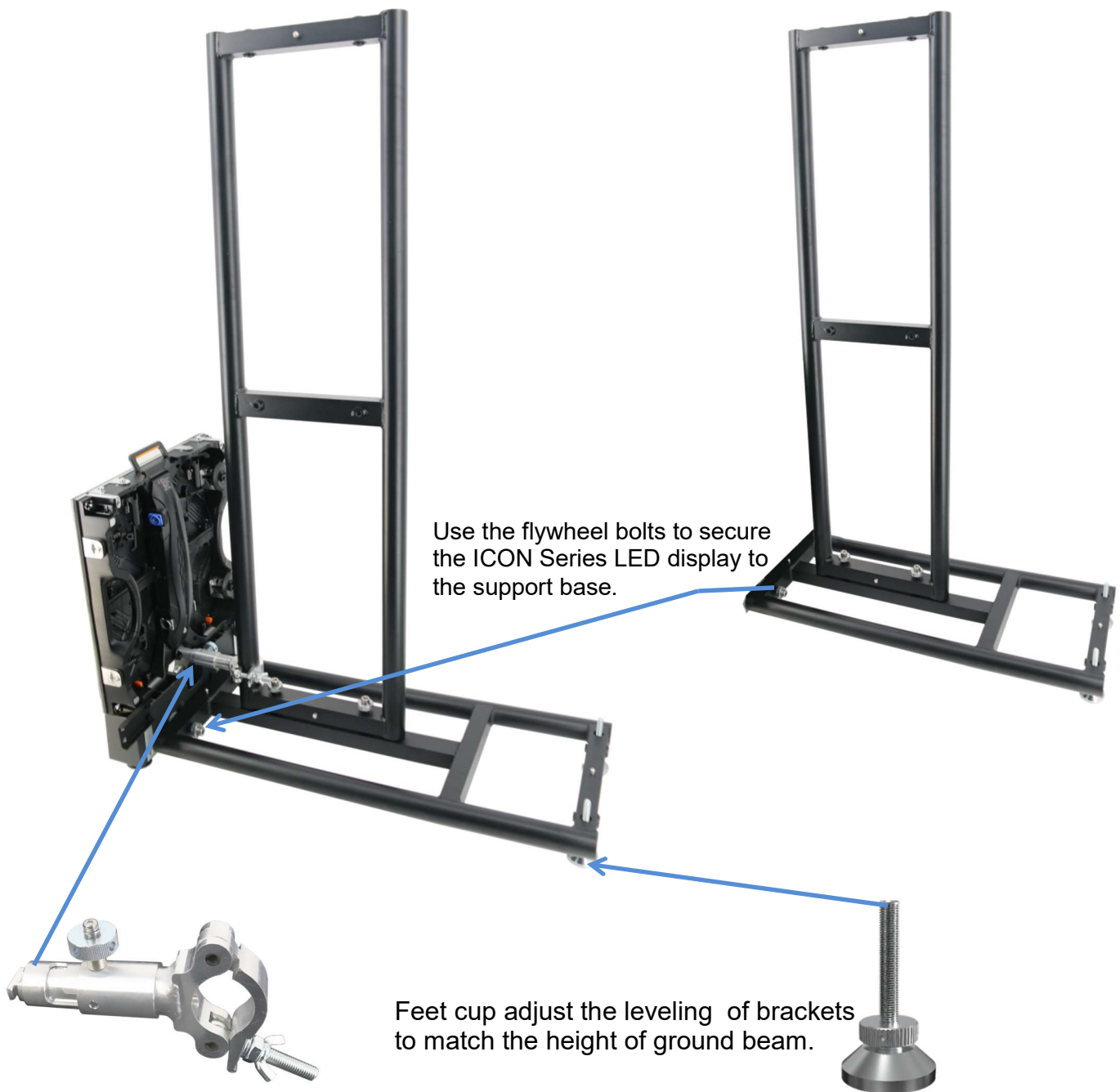
TECHNICAL SPECIFICATIONS

GENERAL

Resolution
- ICON2.6: 192(H) x 192(V)
- 3.9IP: 128(H) x 128(V)

Pixel Pitch:
- ICON2.6: 2.6mm
- 3.9IP: 2.6mm

Pixel Density:
- ICON2.6: 147,456pixels/m^2
- 3.9IP: 65,536pixels/m^2

Size:
- 500mm x 500mm x 83mm
- (19.69" x 19.69" x 3.27")

Module Quantity: 4pcs
Weight: 8 kgs (17.6 lbs)

MECHANICAL RATINGS

Surface Flatness: Gap ≤ 0.5mm

OPTICAL RATINGS

Brightness: 1000 cd/m^2
Viewing Angle: 160° / 140°
Viewing Distance:
- ICON2.6: 3m
- 3.9IP: 4m

Gray Scale: ≥ 16bits
Display Colors: 256
Contrast Ratio: 5000:1
Brightness Adjustment: 0~100%, 100 levels

POWER SUPPLY

Operation Power: 100~240V 50~60Hz
Max Power Consumption: 120W per panel
Average Power Consumption:
- ICON2.6: 60W per panel
- 3.9IP: 80W per panel

Power/Data Connections:
A. Power In/Out
B. Data In/Out

CONTROL SYSTEMS

Control Mode: Constant Current Driving
Frame Update Frequency: 50~75Hz Scan
Mode:
A. ICON2.6: 16/32 duty
B. 3.9IP: 8/16 duty

Refresh Rate: 7680 Hz
Support Input: RJ45
Control Distance:
A. Ethernet Cable < 120m
B. Fiber Optoc > 120m

Brightness Calibration:
A. Pixel
B. Module
C. Cabinet

ENVIRONMENTAL

Operating Temp: -20° ~ +40° C / -4° ~ +104° F
Operating Humidity: 10~90% RH, no condensation
Operating Life: 50,000 hours
MTBF: 5000 hours
Protection Level: IP20 / IP65
Out of Control Rate: ≤ 0.02%
Curve Angle: -5°, -2.5°, 0°, +2.5°, +5°

Specifications subject to change without any prior written notice.

Item	ICON2.6 Indoor, Anti-Collision	3.9IP Outdoor	2.9IP Outdoor
Pixel pitch	2.6mm	3.9mm	2.9mm
Pixel configuration	1R1G1B	1R1G1B	1R1G1B
Resolution of module	96 × 96	64 × 64	84× 84
Density (dots/m²)	147,456	65,536	112896
Size of module	250 × 250mm	250 × 250mm	250 × 250mm
Size of cabinet	500 × 500mm	500 × 500mm	500 × 500mm
Cabinet material	Die-Casting Aluminum	Die-Casting Aluminum	Die-Casting Aluminum
Weight of cabinet	8KG	8KG	8KG
Support Hanging	Yes	Yes	Yes
Front Maintenance	Yes	Yes	Yes
Power consumption	Max. 450W/m² & Avg. 150W/m²	Max. 600W/m² & Avg. 200W/m²	Max. 600W/m² & Avg. 200W/m²
Gray scale	14-16bits	14-16bits	14-16bits
Color temperature	3000-10000K	3000-10000K	3000-10000K
Refresh frequency	≥7680Hz	≥7680Hz	≥7680Hz
Brightness	1000 cd/m²	4500 cd/m²	4000nits
Brightness control	256 grade	256 grade	256 grade
IP grade	IP20	IP65	IP65

OPTIONAL COMPONENTS AND ACCESSORIES

ITEM	DESCRIPTION
Flight Case	Flight Case - fits 8 Vision Series LED Video Panels
Rigging Bar	Single Panel Rigging/Stack Bar
Rear Support Bracket	Rear Support Bracket
Ground Support Base	Ground Support Base
Rear Telescopic Arm	Rear Telescopic Arm
Ground Support	Ground Adjustable Support
Video Processor	Novastar VX600 pro Video Processor
Video Processor	Novastar VX1000 pro Video Processor
Main Controller	Novastar MCTRL-300 Main Controller
Main Controller	Novastar TB60 Video Processor
Power Cables - Locking Power Connector In/Out	0.8mts Power Cables - Locking Power Connector In/Out
	1.1mts Power Cables - Locking Power Connector In/Out
Data Cables - Locking Power Connector In/Out	0.8mts Networking Cable with In/Out Connectors
	1.1mts Networking Cable with In/Out Connectors
Main Cable Connectors	Connectors for Making Main Power Cable
	Connectors for Making Main Data Cable