

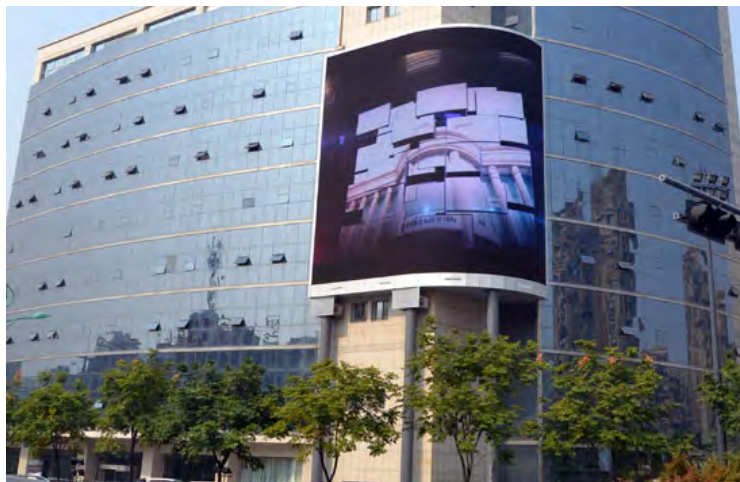
Olympic LED Display Series

The Olympic LED Display series is a unique outdoor mesh display. The hollowed out cabinet allows light to pass through the rows of LEDs creating a partially transparent appearance to the image. With its interesting design and high-brightness, this tile delivers a sharp visual for maximum message impact. The front or rear tile access delivers maximum space saving and minimum hassle while installing and maintaining display unit.

This series has a variety of usages limited only by your imagination. Create a video wall in the lobby, digital signage on glass buildings or a dynamic ceiling that mimics the sky. The Olympic series' high IP rating, durability and unique mesh design make it an excellent choice for your outdoor signage needs.

Great option for:

- Glass Building Video Walls
- Walkway Walls
- Building Facades
- Concert Venues
- Stadiums
- & countless other options



Pixel Pitch

- 10 mm
- 16 mm
- 20 mm
- 25 mm

Brightness

- 5500 nits
- 6000 nits
- 6500 nits
- 7000 nits
- Adjustable

Resolution Capabilities

- HD
- 2K
- 4K

View Distance

- 30 ft +
- 48ft +
- 60 ft +
- 75 ft +

Mounting Options

- Stacked
- Suspended
- Pole mount
- Wall mount
- Ceiling mount
- Tile to tile mounting hardware included

Tile Size

- 31.5" x 31.5"
- 4.41 ft²
- 30.2" x 30.2"
- 6.35 ft²

IP Rating

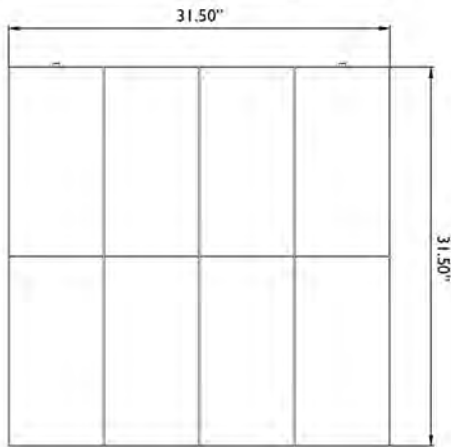
- Front – IP65
- Back – IP43/IP54
- Weather proof

Warranty

- 6-Year Warranty - Includes labor
- 15-Month Lease to Upgrade Option
- 36-Month Lease to Own Option

Specifications and tile cabinet appearance subject to change without notice. All values typical unless otherwise noted. Visit www.Noribachi.com for more information. ©2016

Olympic 10P - 6A



Front Module Matrix

Design

- Screen size (area) 6.89 ft²
- Tile Size (WxHxD) 31.50" x 31.50" x 2.95"
- Aspect ratio 1:1
- Tile Weight 35 lbs
- Cabinet Material Epoxy Paint Coated Aluminum
- IP Rating Front IP65 / Back IP54
- Operating Temperature/Hum -4F - 122F / 10-90% RH
- Viewing Angle H:110 ; V:50
- Lifetime >100,000 hours

Picture Quality

- Pixel Pitch 10 mm
- Resolution 80 x 80 pixels
- Refresh Rate >1000 Hz
- Contrast Ratio 1000:1
- Brightness 6000 nits
- Pixel Density 6,400 pixels

LED Features

- Color Temperature 6500K
- LED type DIP346 High Brightness

Electrical Characteristics

- Power Consumption 76 W/Tile TYP / 227 W/Tile MAX
- Amp Draw See Performance Specs
- Power Supply Options 120 VAC std / 277 & 480 VAC Option
- Tile Interconnect Cable RJ45 Cable
- Control Input DVI, HDMI, USB
- Accessories Included RJ45 Connectors, HDMI-DVI, USB.B-USB

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Olympic 10P - 15A



Design

- Screen size (area) 15.5 ft²
- Tile Size (WxHxD) 47.24" x 47.24" x 3.94"
- Aspect ratio 1:1
- Tile Weight 94 lbs
- Cabinet Material Epoxy Paint Coated Aluminum
- IP Rating Front IP65 / Back IP43
- Operating Temperature/Hum -4F - 122F / 10-90% RH
- Viewing Angle H:110 ; V:50
- Lifetime >100,000 hours

Picture Quality

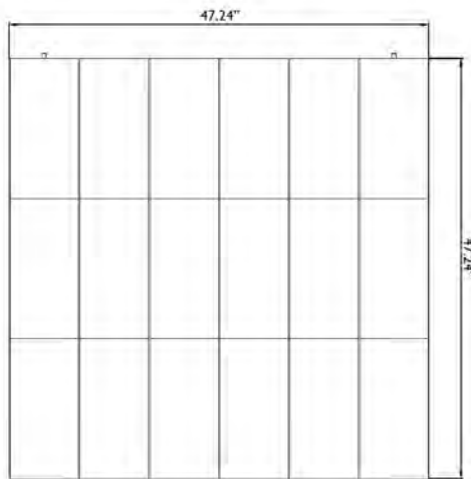
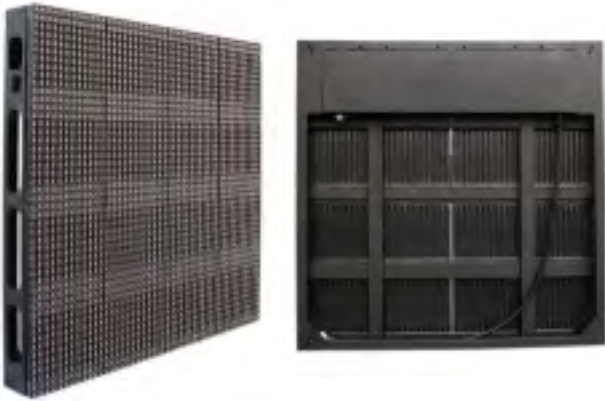
- Pixel Pitch 10 mm
- Resolution 120 x 120 pixels
- Refresh Rate >1000 Hz
- Contrast Ratio 1000:1
- Brightness 7000 nits
- Pixel Density 14,400 pixels

LED Features

- Color Temperature 6500K
- LED type DIP346 High Brightness

Electrical Characteristics

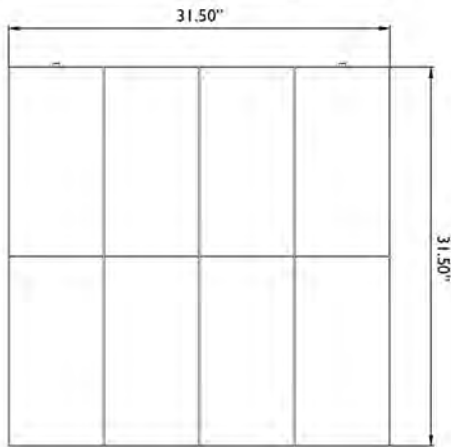
- Power Consumption 197 W/Tile TYP/ 593 W/Tile MAX
- Amp Draw See Performance Specs
- Power Supply Options 120 VAC std / 277 & 480 VAC Option
- Tile Interconnect Cable RJ45 Cable
- Control Input DVI, HDMI, USB
- Accessories Included RJ45 Connectors, HDMI-DVI, USB.B-USB



Front Module Matrix

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Olympic I6P - 6A



Front Module Matrix

Design

- Screen size (area) 6.89 ft²
- Tile Size (WxHxD) 31.50" x 31.50" x 2.95"
- Aspect ratio 1:1
- Tile Weight 35 lbs
- Cabinet Material Epoxy Paint Coated Aluminum
- IP Rating Front IP65 / Back IP54
- Operating Temperature/Hum -4F - 122F / 10-90% RH
- Viewing Angle H:110 ; V:50
- Lifetime >100,000 hours

Picture Quality

- Pixel Pitch 16.67 mm
- Resolution 48 x 48 pixels
- Refresh Rate >1000 Hz
- Contrast Ratio 1000:1 / Transparency 16.3%
- Brightness 6000 nits
- Pixel Density 2,304 pixels

LED Features

- Color Temperature 6500K
- LED type DIP346 High Brightness

Electrical Characteristics

- Power Consumption 76 W/Tile TYP / 227 W/Tile MAX
- Amp Draw See Performance Specs
- Power Supply Options 120 VAC std / 277 & 480 VAC Option
- Tile Interconnect Cable RJ45 Cable
- Control Input DVI, HDMI, USB
- Accessories Included RJ45 Connectors, HDMI-DVI, USB.B-USB

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Olympic I6P - I5A



Design

- Screen size (area) 15.5 ft²
- Tile Size (WxHxD) 47.24" x 47.24" x 3.94"
- Aspect ratio 1:1
- Tile Weight 94 lbs
- Cabinet Material Epoxy Paint Coated Aluminum
- IP Rating Front IP65 / Back IP43
- Operating Temperature/Hum -4F - 122F / 10-90% RH
- Viewing Angle H:110 ; V:50
- Lifetime >100,000 hours

Picture Quality

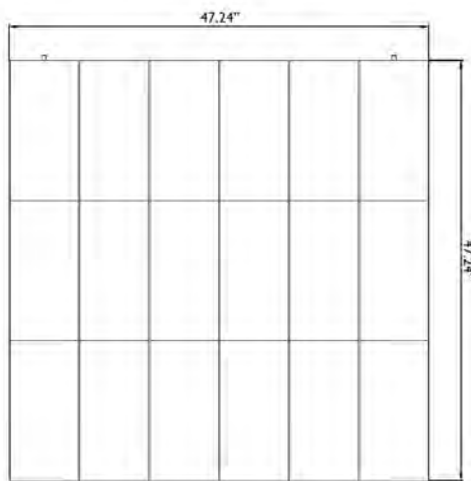
- Pixel Pitch 16.67 mm
- Resolution 72 x 72 pixels
- Refresh Rate >1000 Hz
- Contrast Ratio 1000:1 / Transparency 16.3%
- Brightness 7000 nits
- Pixel Density 5,184 pixels

LED Features

- Color Temperature 6500K
- LED type DIP346 High Brightness

Electrical Characteristics

- Power Consumption 197 W/Tile TYP/ 593 W/Tile MAX
- Amp Draw See Performance Specs
- Power Supply Options 120 VAC std / 277 & 480 VAC Option
- Tile Interconnect Cable RJ45 Cable
- Control Input DVI, HDMI, USB
- Accessories Included RJ45 Connectors, HDMI-DVI, USB.B-USB



Front Module Matrix

Specifications and tile cabinet appearance subject to change without notice. All values typical unless otherwise noted. Visit www.Noribachi.com for more information. ©2016

Olympic 20P - 6A



Design

Screen size (area)	6.89 ft ²
Tile Size (WxHxD)	31.50" x 31.50" x 2.95"
Aspect ratio	1:1
Tile Weight	35 lbs
Cabinet Material	Epoxy Paint Coated Aluminum
IP Rating	Front IP65 / Back IP54
Operating Temperature/Hum	-4F - 122F / 10-90% RH
Viewing Angle	H:110 ; V:50
Lifetime	>100,000 hours

Picture Quality

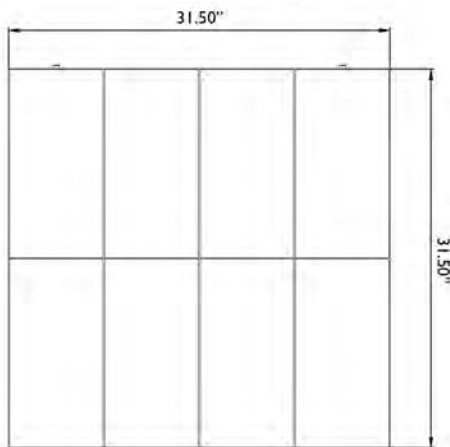
Pixel Pitch	20 mm
Resolution	40 x 40 pixels
Refresh Rate	>1000 Hz
Contrast Ratio	1000:1 / Transparency 19.5%
Brightness	6000 nits
Pixel Density	1,600 pixels

LED Features

Color Temperature	6500K
LED type	DIP346 High Brightness

Electrical Characteristics

Power Consumption	76 W/Tile TYP / 227 W/Tile MAX
Amp Draw	See Performance Specs
Power Supply Options	120 VAC std / 277 & 480 VAC Option
Tile Interconnect Cable	RJ45 Cable
Control Input	DVI, HDMI, USB
Accessories Included	RJ45 Connectors, HDMI-DVI, USB.B-USB



Front Module Matrix

Olympic 20P - 15A



Design

- Screen size (area) 15.5 ft²
- Tile Size (WxHxD) 47.24" x 47.24" x 3.94"
- Aspect ratio 1:1
- Tile Weight 94 lbs
- Cabinet Material Epoxy Paint Coated Aluminum
- IP Rating Front IP65 / Back IP43
- Operating Temperature/Hum -4F - 122F / 10-90% RH
- Viewing Angle H:110 ; V:50
- Lifetime >100,000 hours

Picture Quality

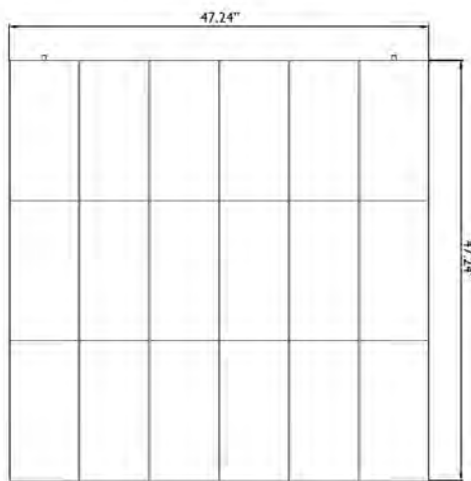
- Pixel Pitch 20 mm
- Resolution 60 x 60 pixels
- Refresh Rate >1000 Hz
- Contrast Ratio 2000:1 / Transparency 19.5%
- Brightness 7000 nits
- Pixel Density 3,600 pixels

LED Features

- Color Temperature 6500K
- LED type DIP346 High Brightness

Electrical Characteristics

- Power Consumption 197 W/Tile TYP/ 593 W/Tile MAX
- Amp Draw See Performance Specs
- Power Supply Options 120 VAC std / 277 & 480 VAC Option
- Tile Interconnect Cable RJ45 Cable
- Control Input DVI, HDMI, USB
- Accessories Included RJ45 Connectors, HDMI-DVI, USB.B-USB



Front Module Matrix

Specifications and tile cabinet appearance subject to change without notice. All values typical unless otherwise noted. Visit www.Noribachi.com for more information. ©2016

Olympic 25P - 6A



Design

Screen size (area)	6.89 ft ²
Tile Size (WxHxD)	31.50" x 31.50" x 2.95"
Aspect ratio	1:1
Tile Weight	35 lbs
Cabinet Material	Epoxy Paint Coated Aluminum
IP Rating	Front IP65 / Back IP54
Operating Temperature/Hum	-4F - 122F / 10-90% RH
Viewing Angle	H:110 ; V:50
Lifetime	>100,000 hours

Picture Quality

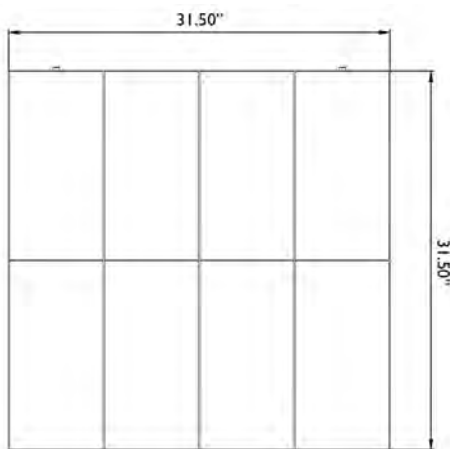
Pixel Pitch	25 mm
Resolution	32 x 32 pixels
Refresh Rate	>1000 Hz
Contrast Ratio	2000:1 / Transparency 28.5%
Brightness	5500 nits
Pixel Density	1,024 pixels

LED Features

Color Temperature	6500K
LED type	DIP346 High Brightness

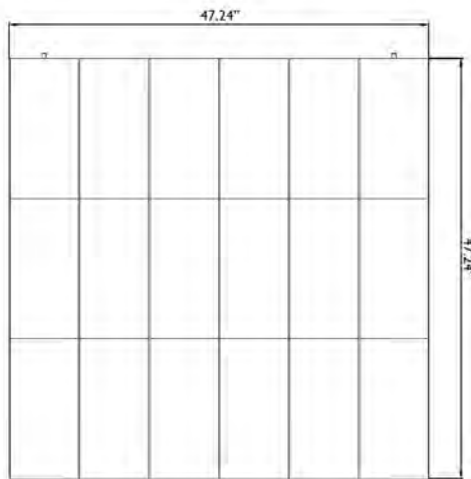
Electrical Characteristics

Power Consumption	70 W/Tile TYP / 210 W/Tile MAX
Amp Draw	See Performance Specs
Power Supply Options	120 VAC std / 277 & 480 VAC Option
Tile Interconnect Cable	RJ45 Cable
Control Input	DVI, HDMI, USB
Accessories Included	RJ45 Connectors, HDMI-DVI, USB.B-USB



Front Module Matrix

Olympic 25P - I5A



Front Module Matrix

Design

- Screen size (area) 15.5 ft²
- Tile Size (WxHxD) 47.24" x 47.24" x 3.94"
- Aspect ratio 1:1
- Tile Weight 90 lbs
- Cabinet Material Epoxy Paint Coated Aluminum
- IP Rating Front IP65 / Back IP54
- Operating Temperature/Hum -4F - 122F / 10-90% RH
- Viewing Angle H:110 ; V:50
- Lifetime >100,000 hours

Picture Quality

- Pixel Pitch 25 mm
- Resolution 48 x 48 pixels
- Refresh Rate >1000 Hz
- Contrast Ratio 2000:1 / Transparency 28.5%
- Brightness 6500 nits
- Pixel Density 2,304 pixels

LED Features

- Color Temperature 6500K
- LED type DIP346 High Brightness

Electrical Characteristics

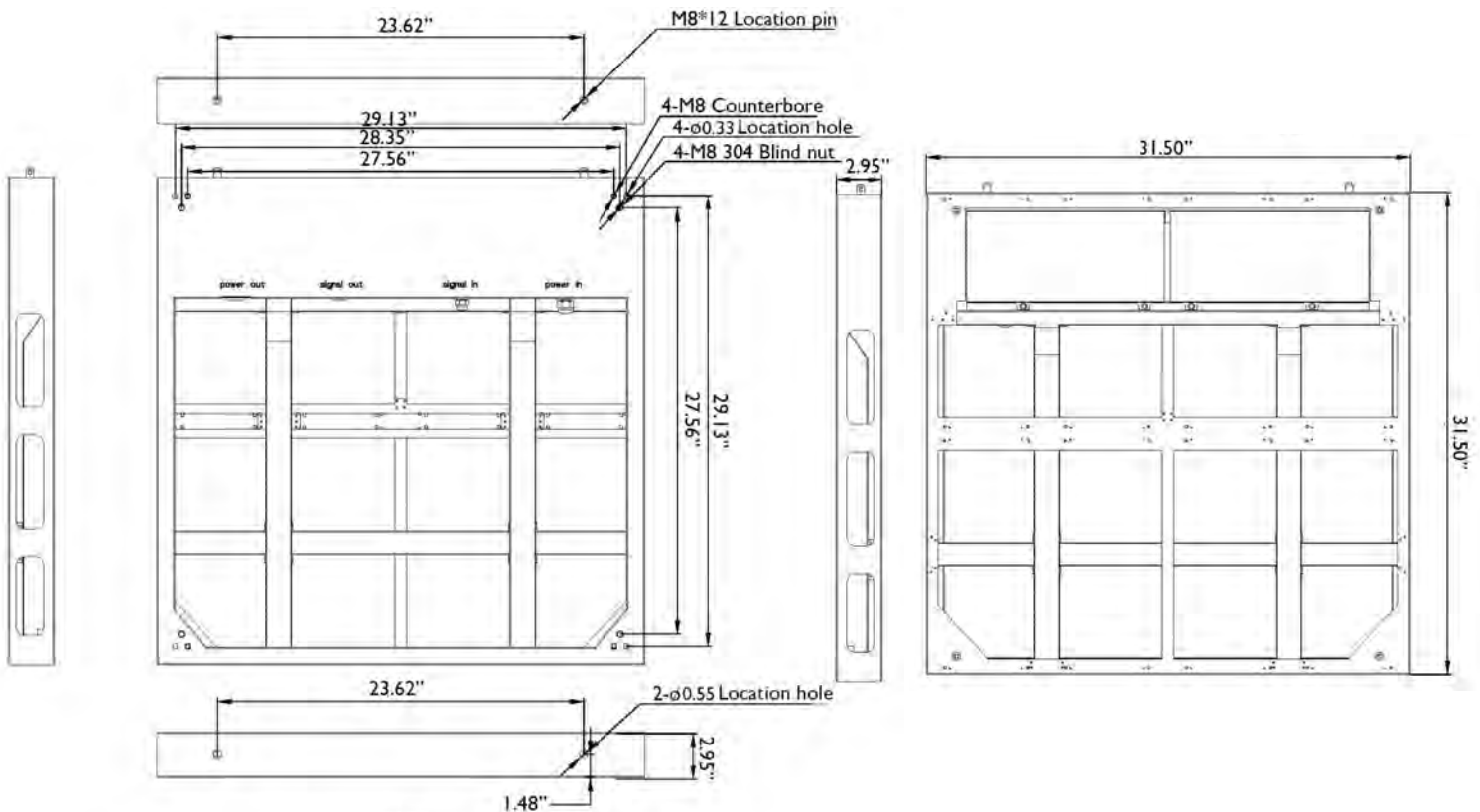
- Power Consumption 184 W/Tile TYP/ 553 W/Tile MAX
- Amp Draw See Performance Specs
- Power Supply Options 120 VAC std / 277 & 480 VAC Option
- Tile Interconnect Cable RJ45 Cable
- Control Input DVI, HDMI, USB
- Accessories Included RJ45 Connectors, HDMI-DVI, USB.B-USB

Physical Attributes - 6A

Olympic 10P, 16P, 20P, & 25P

Mounting

- 4 M8 counter bores in the corners of the display
- 4 0.33" placement holes in the corners of the display
- 4 M8 blind nuts in the corners of the display
- Mount directly to other tiles using included hardware
- Mount directly to wall using customers hardware
- Studs on top of tiles mate with holes on bottom of tiles ensure perfect alignment during installation



Front Serviceable Drawings

**Rear Serviceable drawings can be found on the Olympic “Physical Attributes – Servicing” section

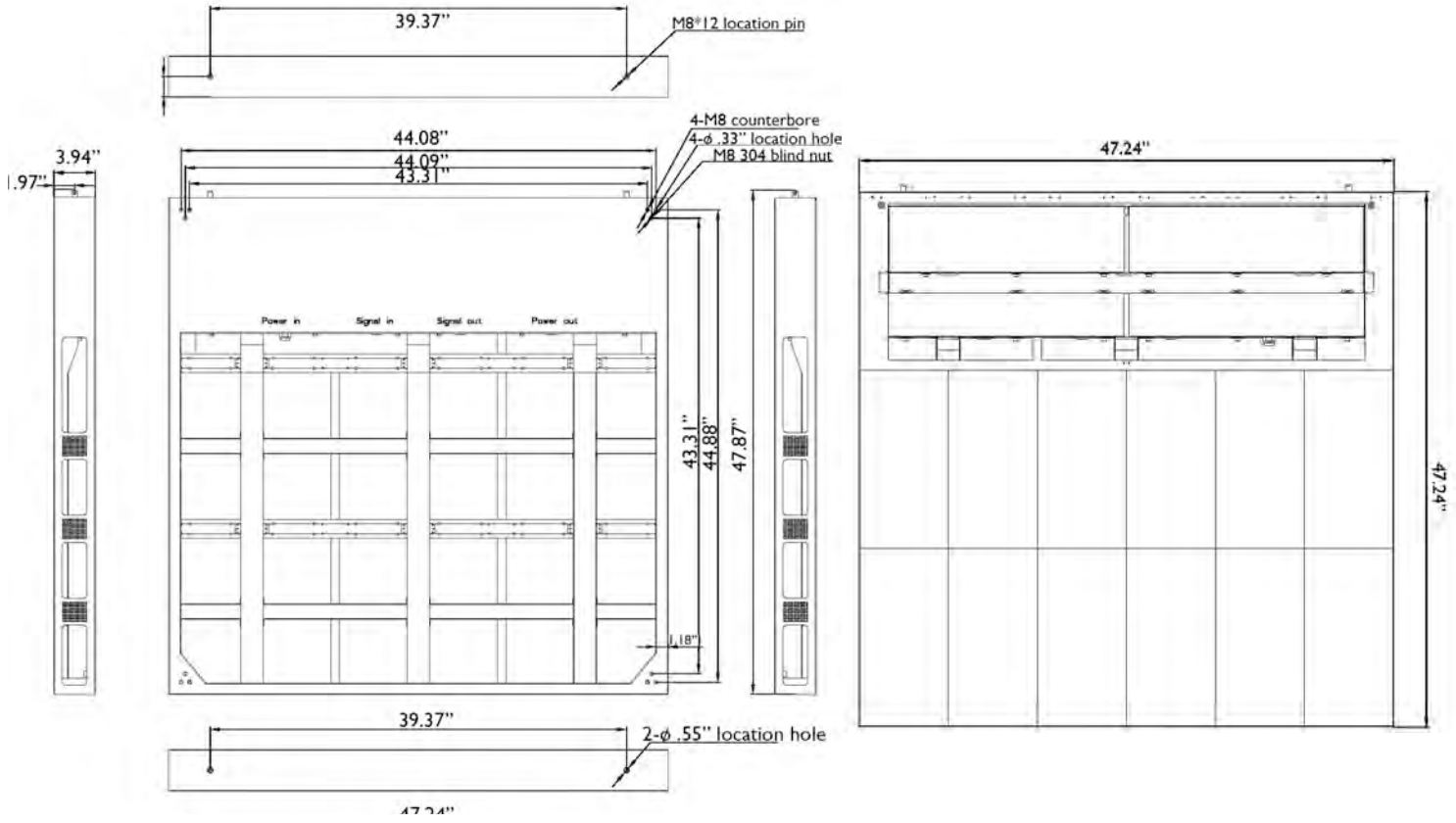
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Physical Attributes - I5A

Olympic I0P, I6P, 20P, & 25P

Mounting

- 4 M8 counter bores in the corners of the display
- 4 0.32" placement holes in the corners of the display
- 4 M8 blind nuts in the corners of the display
- Mount directly to other tiles using included hardware
- Mount directly to wall using customers hardware
- Studs on top of tiles mate with holes on bottom of tiles ensure perfect alignment during installation



Front Serviceable Drawings

**Rear Serviceable drawings can be found on the Olympic "Physical Attributes – Servicing" section

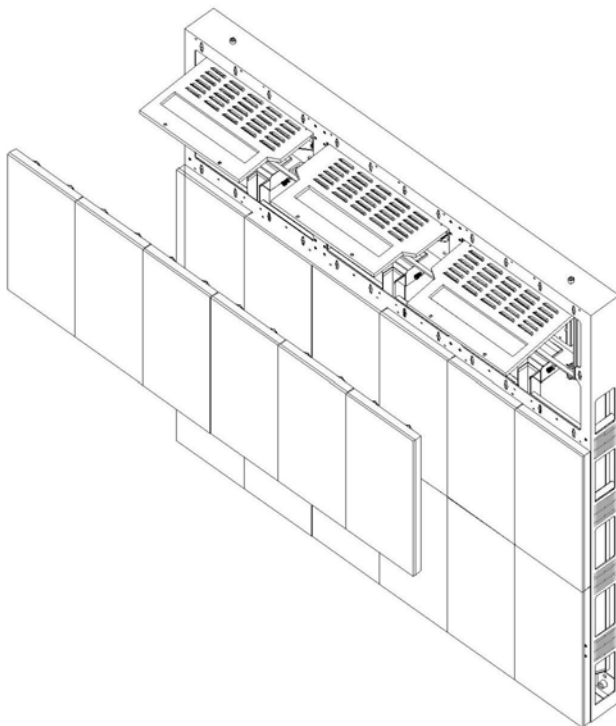
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Physical Attributes – Servicing

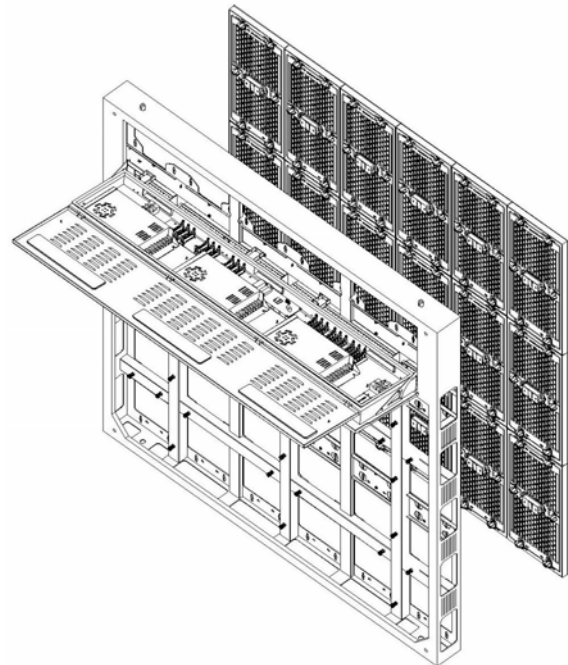
Olympic 10P, 16P, 20P & 25P

Mounting

- Rear Servicing cabinet only has minor changes from front servicing cabinet
- Difference between front and rear service cabinet is how the cabinet opens for maintenance
- Installation mounting and configuration remains the same for front and rear servicing



Front Servicing Schematic



Rear Servicing Schematic

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System Specifications

Electrical Characteristics

All panels come standard for 100 – 240 VAC input. Optional upgrade to 277 and 480VAC. The driving method is Constant Current. The LED wavelength ranges are R:630-630nm, G:520-535nm, B:465-475nm.

Software and Control Options

Standard Noribachi Software comes with all Noribachi ALiVE display purchases. Software features allow users to create complex timed schedules; use endless media inputs; program videos: URLs; RSS xml files; and date and time options. An optional software upgrade is available for a monthly subscription fee. Upgrade builds on the standard Noribachi software with more media inputs, remote control of displays from central computer and 24/7 customer support. Additional information on the Noribachi software features is located in the Media section of the ALiVE Product Family Brochure.

Maintenance

The Olympic Series can be front or rear serviceable. Meaning the electrical components can be accessed from the front or the rear of the tiles. There are two different cabinet designs, one for ease of front servicing and the second for ease of back servicing.

Video Processor

A Video processor is needed when displaying 2K or greater content. Configurations that need a video processor are outlined for this series in the following Performance Specifications section. Video processor specifications are located in the controls section of the ALiVE Product Family Brochure.

Connecting Tiles

The tiles have through holes in its 4 corners as well as holes in the top and sides of the tile frames. The holes and frame can be used in many ways to either mount the tiles together or on a wall. The media is sent to the tiles and distributed using RJ45 connectors. Virtually unlimited number of tiles can be made into a single video wall. For more Olympic Series information or specific mounting questions, please contact Noribachi Display Support at 855.283.1100.

Performance Specifications

Electrical Load								
Tile Part No.	Drive current (Amps @120VAC)		Drive Current (Amps @277 VAC)		Drive Current (Amps @480VAC)		System Power (Watts)	
	Typ	Max	Typ	Max	Typ	Max	Typ	Max
10P-6A	0.63	1.89	0.27	0.82	0.16	0.47	76	227
10P-15A	1.64	4.94	0.71	2.14	0.41	1.24	197	593
16P-6A	0.63	1.89	0.27	0.82	0.16	0.47	76	227
16P-15A	1.64	4.94	0.71	2.14	0.41	1.24	197	593
20P-6A	0.63	1.89	0.27	0.82	0.16	0.47	76	227
20P-15A	1.64	4.94	0.71	2.14	0.41	1.24	197	593
25P-6A	0.58	1.75	0.25	0.76	0.15	0.44	70	210
25P-15A	1.53	4.61	0.66	2.00	0.38	1.15	184	553

Tiles per Standard 20 Amp Outlet			
Tile Part No.	Tiles @120 VAC	Tiles @277 VAC	Tiles @480 VAC
10P-6A	≤ 10	≤ 24	≤ 42
10P-15A	≤ 4	≤ 9	≤ 16
16P-6A	≤ 10	≤ 24	≤ 42
16P-15A	≤ 4	≤ 9	≤ 16
20P-6A	≤ 10	≤ 24	≤ 42
20P-15A	≤ 4	≤ 9	≤ 16
25P-6A	≤ 11	≤ 26	≤ 45
25P-15A	≤ 4	≤ 10	≤ 17

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How to Order

Olympic Series				
Numbering Order	Specification	Required or Optional	Allowed Values	Description
1	Series Name	Required	OLY	Olympic Series
2	Pixel Pitch	Required	10P	10 mm Pixel Pitch
			16P	16 mm Pixel Pitch
			20P	20 mm Pixel Pitch
			25P	25 mm Pixel Pitch
3	Tile Size	Required	6A	6.89 ft ² Tile area
			15A	15.50 ft ² Tile area
4	Service Side	Required	FRT	Front serviceable
			BCK	Back/Rear Serviceable

Sample Order Code
OLY-10P-6A-FRT

How to Order cont.

Control Configuration Needed (Based on quantity of tiles ordered)			
Tile Part No.	Nori300 Configuration	Nori600 Configuration	Video Processor Configuration
OLY-10P-6A-FRT/BCK	1 - 186 Tiles	187 - 311 Tiles	> 311 Tiles
OLY-10P-15A-FRT/BCK	1 - 82 Tiles	83 - 137 Tiles	> 137 Tiles
OLY-16P-6A-FRT/BCK	1 - 519 Tiles	520 - 866 Tiles	> 866 Tiles
OLY-16P-15A-FRT/BCK	1 - 230 Tiles	231 - 384 Tiles	> 384 Tiles
OLY-20P-6A-FRT/BCK	1 - 748 Tiles	749 - 1248 Tiles	> 1248 Tiles
OLY-20P-15A-FRT/BCK	1 - 332 Tiles	333 - 554 Tiles	> 554 Tiles
OLY-25P-6A-FRT/BCK	1 - 1170 Tiles	1170 - 1951 Tiles	> 1951 Tiles
OLY-25P-15A-FRT/BCK	1 - 519 Tiles	520 - 866 Tiles	> 866 Tiles

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