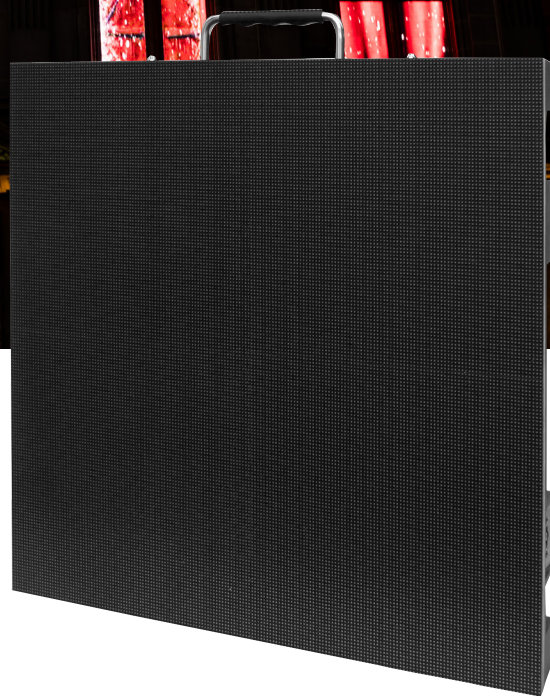# AV4IP

**High Resolution IP Rated Video Panel System with 4.81mm Pixel Pitch**

The AV4IP is a high resolution video panel from ADJ. Each panel has a pixel pitch of 4.81mm with a configuration of a 3-in-1 RGB SMD1921 LED's. The panel is IP65 on the front and IP54 on the back, which allows for temporary outdoor use. The brightness is 4000 NITS. There are 2 LED modules per panel. This allows for easy serviceability. The AV4IP includes IP65 locking power in/out connections and locking RJ45 ethernet in/out connections. This panel also features a Novastar receiving card.

The AV4IP is a great video solution for indoor or outdoor use. ADJ 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.

**www.ADJ.com/av4ip**

# AV4IP

**High Resolution IP Rated Video Panel System
with 4.81mm Pixel Pitch**

## SPECIFICATIONS:
• Pixel Pitch: 4.81mm (0.19")
• LED Configuration: 3-in-1 SMD1921 LED
• Pixel Density: 104x104; 43264 (dot/m2)
• Panel Size :19.75" x 19.75" x 4" / 500 x 500 x 100mm
• Module Quantity: 2
• Module Size: 250 x 500mm
• Module Resolution: 52 x 104 pixels
• Panel Weight: 20 lbs. / 9kg.

## MECHANICAL RATINGS:
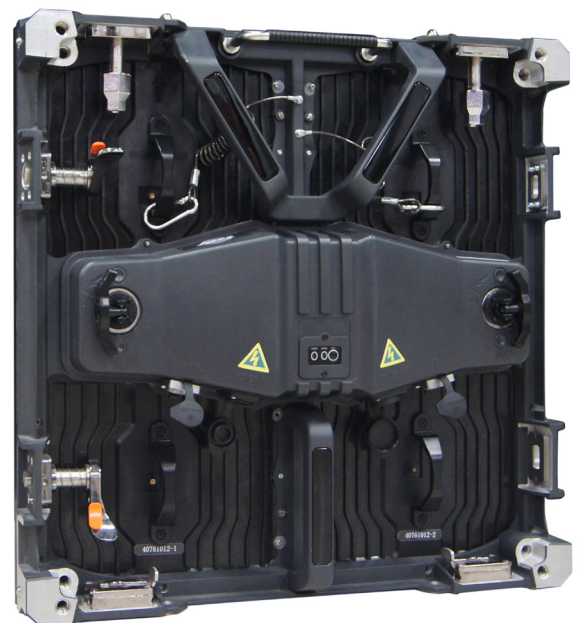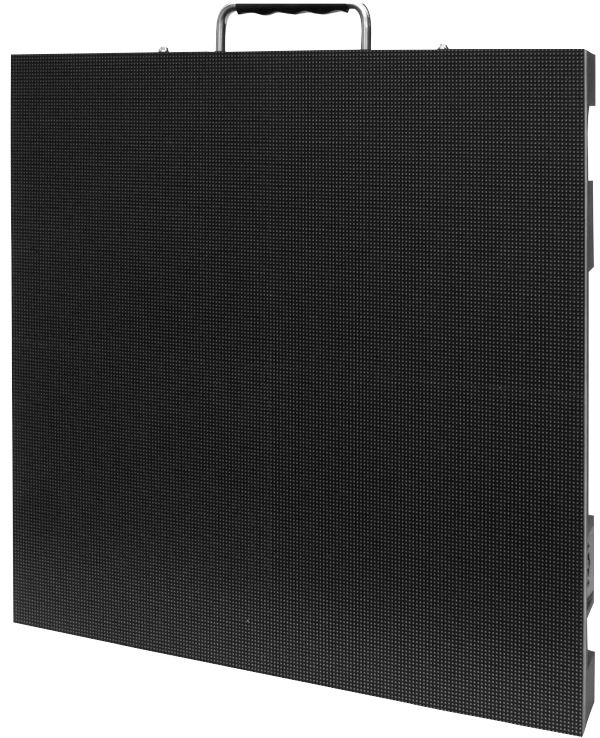• Surface Flatness: Gaps<0.5mm

## OPTICAL RATINGS:
• Brightness: 4000 NITS
• View Angle: Horizontal 140°/Vertical 140°
• Gray Scaler: 14-bit
• Brightness Adjustment: 0~100% 100 Levels
• Processing: 14-bit

## POWER SUPPLY:
• Input Voltage: 100~240V 50-60Hz
• Max. Power Consumption: 180W/per panel
• Ave. Power Consumption: 60W/per panel
• Connections Power/Data: Power = locking power;
  In/Out; Data = etherCON In/Out

## CONTROL SYSTEM:
• Control Mode: Nova Star Synchronous System with
Control via DVI
• Frame Update Frequency: 50-60Hz
• Scan Mode: 1/16
• Refresh Rate: 1920Hz
• Support Input: Composite, S-Video, Component, VGA,
  DVI, HDMI, HD_SDI
• Control Distance: Ethernet Cable <100m or Fiber
  Optic>120m
• Support VGA Mode: 1024 x 768, 1280 x 1024,
  1600 x 1200, 1920 x 1280
• Brightness Correction: Pixel, Module, Cabinet
• With Wired Digital Communication Network

# AV4IP

**High Resolution IP Rated Video Panel System
with 4.81mm Pixel Pitch**

**ENVIRONMENTAL:**
- Operating Temp / : Fahrenheit: -14° + 122° /
  Celsius: -10° + 50°
- Humidity: 10-90% (No Condensation)
- Operating Life / MTBF: @ 50,000 Hours
- Protection Level: IP65 Front, IP54 Back (Temporary outdoor use)
- Out of Control Rate: <0.02%
- Listings: cETL, CE, FCC Class A

**OPTIONAL ACCESSORIES:**
- AV3FC (AV3095): Flight Case - fits 8 AV4IP
- AV3RB1 (AV3070): Rigging Bar - Holds up to 15 AV4IP vertically
- AV3FWA (AV3111): Rear Support Bracket
- AV4RTB: Rear Turn Buckle for Ground Stacking
- Novastar VX4S: Video Processor
- Novastar MCTRL-300: Video Processor
- Novastar NOVA PRO HD: Video Processor
- Media Master Express 4: Video Software
- GrandVJ 2.0: Video Software

**CABLES:**
- Cabinet to Cabinet Data Link Cables (EtherCON Connectors)
- powerCON Link Cables
- powerCON Main Power Cables

**AV3FC**

**AV4RTB**          **AV2RB Rigging Bar**