RETINA-2IP

19x19" (500x500mm) 2.9mm
Hybrid Indoor/Outdoor LED Video Panel

Key Features:

- High-Contrast, High-Output LEDs
- Advanced 22-Bit+ Color Processing
- Dual-Drive Calibration for Indoor/Outdoor Operating Modes
- HDR10/HLG & Low-Latency Support
- Magnetic Front/Rear Service Modules
- Detachable Hot-Swap Power Supply Unit
- Universal Cable-Free Module Connections
- Optional Brompton Processing

Specifications:

Pixel Pitch: 2.97mm

LED Type: SMD1516 Low-Profile

Panel Resolution: 168x168px

Dimensions: 19.7" x 19.7" x 3.5"
(500 x 500 x 88mm)

Weight: 17 lbs / 7.7 kg

Mounting Options: Fly / Ground Stack

Maximum Rigging Height (Flown): 24 Panels

Maximum Rigging Height (Ground Stack): 16 Panels

Curvature: +/- 0°, 3°, 6°

Serviceability: Front/Rear

Optical Ratings:

Brightness: 5,000~ NITS

Viewing Angle: 140° H | 140° V

Minimum Viewing Distance: 8' / 2.5M

Brightness Adjustment: 255 Steps

Grayscale: 22Bit+

Contrast Ratio: 5,000:1

Power / Connections:

Voltage: 120-240v AC

Maximum Power Consumption: 190W / 1.5A @ 120v

Average Power Consumption: 97W / 0.8A @ 120v

Power Connection: PowerCON TRUE1 In/Thru

Data Connection: EtherCON In/Thru

Control System:

RX Card: NovaStar A10S Pro | Brompton R2

Refresh Rate: 7,680≥ Hz

Scan Rate: 1/14

Environmental:

Ingress Protection Rating: IP65 (temporary outdoor use)

Operating Temperature: -4° ~ +122° F

Operating Life: 100,000 Hours

Certifications: cETLus, FCC, EMC, RoHS

* Specifications subject to change