

LARGE

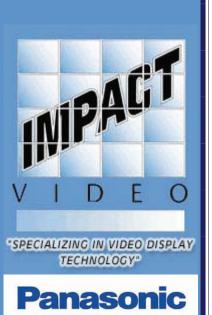
SCREEN

IMPACT



# 12mm Astrovision HD Modular LED Panels

#### With Panasonic SCU-17 Bit HD Digital Processing



The Panasonic Astrovision 12mm HD LED display panel is designed for large venue applications, both indoors and out, that require superior detail and reproduction.

Combine durable Astrovision panels with Panasonic SCU 17 Bit HD processing to experience a completely integrated solution that delivers unsurpassed flexibility, incredible picture quality and a wide variety of features.

Panasonic LED systems are all inclusive as a turn key solution complete with rugged yet lightweight aluminum LED display panels, digital processing, power racks and cabling. The modular design of the Astrovision LED panel allows you to create a customized screen surface of virtually any size in either a 4:3 or 16:9 aspect ratio.

## Astrovision 12mm LED Specifications

Display Type Indoor/Outdoor Weather Proof

Panel Weight 66 Lbs.

Panel Dimension (HxW) 23.64" x 31.44"

Pixels Per Tile 1,296

Pixel Configuration Surface Mount High Contrast Pixel

Color Temperature 3500-9500 Degrees Kelvin, Adjustable

Display Colors More Than 2.2 Trillion

Gray Scale 131,072 Shades Per Color

Color Uniformity Level II

Input Signal Composite, SDI, DVI, VBS, HD-SDI,

Brightness 5,400 Nits

Typical Viewing Distance >35'

Operating Temperature From -30 Degrees F to 104 Degrees F

Power Consumption 3.36 Watts Per Panel

Horizontal Viewing Angle 145 Degrees (85 Degrees Off Center)

Vertical Viewing Angle 80 Degrees (30 Upward / 50 Downward)

Control System Panasonic Astrovison HD SCU 17 Bit

Digital Processing W/ HDDU Interface

> 50,000 Hours

### **LED Display Sizes**

LED Life

| Tile<br>Configuration | Height<br>(feet) | Width<br>(feet) | Weight<br>(pounds) | Power<br>(amps) |
|-----------------------|------------------|-----------------|--------------------|-----------------|
| 5x5                   | 9.85             | 13.1            | 1,700              | 84              |
| 5x6                   | 9.85             | 15.72           | 2,000              | 101             |
| 6x6                   | 11.82            | 15.72           | 2,400              | 121             |
| 7x7                   | 13.79            | 18.34           | 3,300              | 165             |
| 7X9                   | 13.79            | 23.58           | 4,200              | 212             |
| 8X8                   | 15.76            | 20.96           | 4,300              | 215             |
| 8 X 10                | 15.76            | 26.2            | 5,400              | 269             |
| 9X9                   | 17.73            | 23.58           | 5,500              | 272             |
| 9X11                  | 17.73            | 28.82           | 6,800              | 333             |
| 10 X 10               | 19.07            | 26.02           | 6,850              | 336             |
| 10 X 13               | 19.07            | 34.06           | 8,700              | 437             |









## **IMPACT VIDEO**

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