

## Technical Sheet

### PITCH

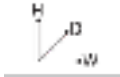
3,99 mm



160°



1200 nit



500x500x90



8,00 kg

The AlphaPix family use black faced SMD LEDs for high contrast and superb color consistency in a robust, lightweight die-cast aluminium housing. The frame and fast inter-lock system create a seamless image with minimal setup times.

To deliver a perfect image, the AlphaPIX series features a high refresh rate, advanced gray-scale properties, and automatic image correction along with a >140° viewing angle.

### FEATURES

- Rental-friendly die cast aluminium housing
- Blackface LEDs for high contrast and superb color consistency
- Magnetic front access Led Display Modules for easy and fast maintenance
- Flicker free on camera
- High performance video reproduction at every level of brightness
- 160° viewing angle

### MECHANICS

- Module size (WxH): 250x250mm
- Panel size(WxHxD): 500x500x90mm
- Vertical hanging system: built-in aliscaf clamp support
- Cooling: Natural cooling of the peculiar chassis and to absence of fans
- Connection: Seamless locking system
- Body: Die-cast aluminium housing
- Color: Black
- Internal protection: IP40
- Panel weight: 8kg
- Weight per square meter: 32kg
- Hanging Panel Quantity ≥: 20
- Compliant Standard: CE



## **VIDEO**

- LED source: SMD2020 High-power FullColor black face
- Pixel pitch: 3.9mm
- Panel resolution: 128x128pixels
- Module resolution: 64x64pixels
- Luminous flux: 1200NIT
- Grayscale: 16 bit
- Refresh rate  $\geq$ : 1920Hz
- Drive Mode: 1/16 scan, constan current
- Vertical viewing angle: 160°
- Horizontal viewing angle: 160°
- LED density: 65'746LED/sqm
- Dead Pixel Ratio: <0,002
- LED avg life span: 100'000

## **CONTROL**

- Control protocol: Novastar
- Signal input: RJ45
- Signal output: RJ45

## **ELECTRICAL**

- Power input/output: PowerCON
- Power supply: AC 110/230V 50/60Hz
- Max power consumption (panel): 180w
- Avg power consumption (panel): 60w
- Max power consumption (per square meter): 720w
- Avg power consumption (per square meter): 240w
- Max rated current/panel:: AC 220V/0.8A
- Max power output: 8modules
- Working temperature: -20 +60°C
- Working humidity: 10 - 90%

