Dahua User Manual

Model: DHI-PHGOA6-FC // Outdoor fixed LED panel with aluminum chassis.

1. Introduction

The DHI-PHGOA6-FC is an LED panel designed for outdoor applications, offering high luminosity, energy efficiency and a robust IP65-rated design, ensuring its resistance to adverse weather conditions.

2. Package contents

- DHI-PHGOA6-FC LED Panel
- Power and signal cables
- Mounting kit
- User manual
- Warranty policy

3. Technical specifications

- **Pixel pitch:** 26.9275 mm
- **LED Type:** SMD1275
- **Maximum brightness:** 45,500 nits
- **Color temperature:** 3500K-10000K (adjustable)
- **Module size:** 250mm × 250mm
- **Cabinet Size:** Width 1000 mm × Height 1000 mm × Depth 72 mm
- **Cabinet Weight:** 21 ± 0.5 kg
- **IP Rating:** Front IP65 / Rear IP65
- **Operating temperature:** -20°C to +50°C
- **Operating humidity:** 10% to 90% relative humidity
- **Input voltage:** 100~240 V AC (±10%)
- **Maximum power:** 680 W/m^2
  Average power: 230 W/m^2

4. Installation

Warning: Before installation, make sure the area is free of moisture and dust.

- **Wall Mount:**Use the mounting kit provided to securely fix the panel to the wall.
- **Floor mounting:**Make sure the surface is flat and stable. **Maintenance:**The
- panel allows for both front and rear maintenance, facilitating access to internal components.

5. Connections

- **Feeding:**Connect the power cord to the panel and then to a suitable power source (100~240 V AC).
- **Sign:**Use CAT5 cable (for distances ≤100 m) or optical fiber (multimode ≤300 m, single mode ≤10 km) for signal transmission.

6. Operation

- **On:**After making the connections, turn on the panel using the power switch.

- **Settings:**Configure brightness and color temperature according to your application needs.

7. Maintenance

- **Cleaning:**Clean the panel surface with a soft, dry cloth. Avoid using solvents or harsh chemicals.
- **Periodic reviews:**Regularly check the connections and general condition of the panel to ensure optimal operation.

8. Troubleshooting

- **The panel does not turn on:**Check the power connection and make sure the power source is working properly.
- **Dead or dim pixels:**Contact technical service for evaluation and possible repair.

Note: This manual provides a basic guide for the installation and use of the LED panel. DHI-PHGOA6-FC. For more detailed information, please refer to the technical documentation provided by Dahua.