

# UD-F series

UD-F12, UD-F15, UD-F18, UD-F25

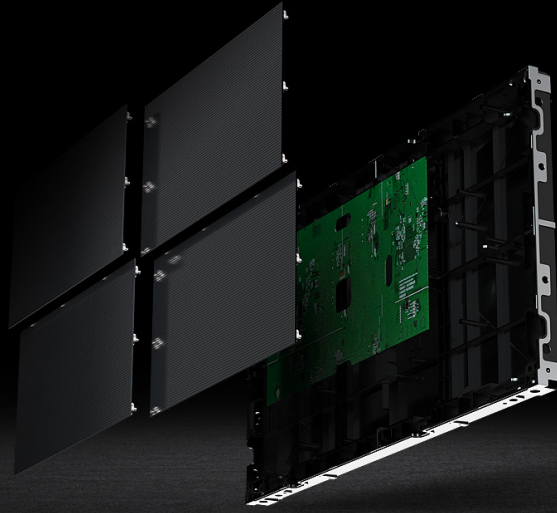
## REDEFINE WHAT YOU SEE

Slim, sleek, and powerful – delivering seamless, high-definition displays with effortless integration and energy efficiency for the modern workspace.



## Introduction

Experience the future of visual excellence with the UD-F series, a state-of-the-art display solution designed for uncompromising performance and versatility. Ideal for a wide range of professional environments, the UD-F series sets the standard for display technology in modern commercial spaces



## Product Highlights

- 01 Ultra Slim & Lightweight Design**  
Only 4.5 kg with a sleek 31mm thickness for space efficiency.
- 02 Front-Access Maintenance**  
Supports hot-swapping and rapid repair for minimal downtime
- 03 Hard-Wired Structure**  
Clean, seamless appearance with reduced component connections for enhanced stability
- 04 Precision 16:9 Aspect Ratio**  
Effortlessly achieve high-resolution displays such as 2K, 4K, 8K, and even 16K.
- 05 High Energy Efficiency**  
Equipped with an advanced PFC power module ( $PFC > 0.9$ ) for intelligent power management and energy savings
- 06 Fanless Heat Dissipation**  
Die-cast aluminium construction ensures quiet operation with high-efficiency cooling.
- 07 Comprehensive Certification**  
Compliant with EU RoHS standards and certified with CE, ETL, and FCC for global reliability.
- 08 EMC Class A Compliance**  
Low-radiation design meets stringent EMC requirements.



## Technical Excellence & Use Cases

### Superior Display Technology

The UD-F series is designed to deliver impeccable performance with:

- A wide viewing angle and high contrast for unmatched visual clarity
- High refresh rates and low grey scale for smooth, vivid imagery.
- Seamless splicing with CNC precision machining for a perfect display wall.

### Robust Build Quality

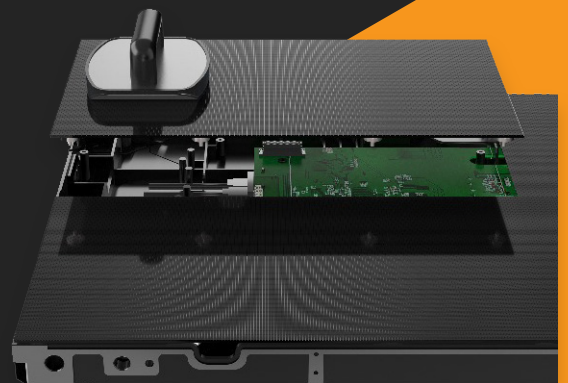
Our die-cast aluminium display units are engineered for durability and superior thermal management. This ensures energy efficiency while maintaining top-tier performance even in continuous use.

### Safety and Reliability

- Grounded power connections and dual input sockets ensure maximum safety.
- Built-in protection measures for environments up to 80% humidity
- Meets rigorous operational standards, preventing issues such as electric leakage, smoke, or overheating.

## Versatile Applications The **UD-F series** is tailored to excel in

- **Ultra Slim & Lightweight Design**  
Maintain seamless, high-resolution monitoring.
- **Security Operations Centers (SOC)**  
Display detailed visuals crucial for surveillance
- **Central Monitoring Stations**  
Provide consistent performance for continuous observation
- **Experience Centers & Conference Rooms**  
Elevate presentations and interactive sessions
- **Central Command Rooms**  
Ensure reliable real-time data visualisation.
- **Reception Halls & Commercial Spaces**  
Create a sophisticated, inviting ambiance.



## Key Features Overview

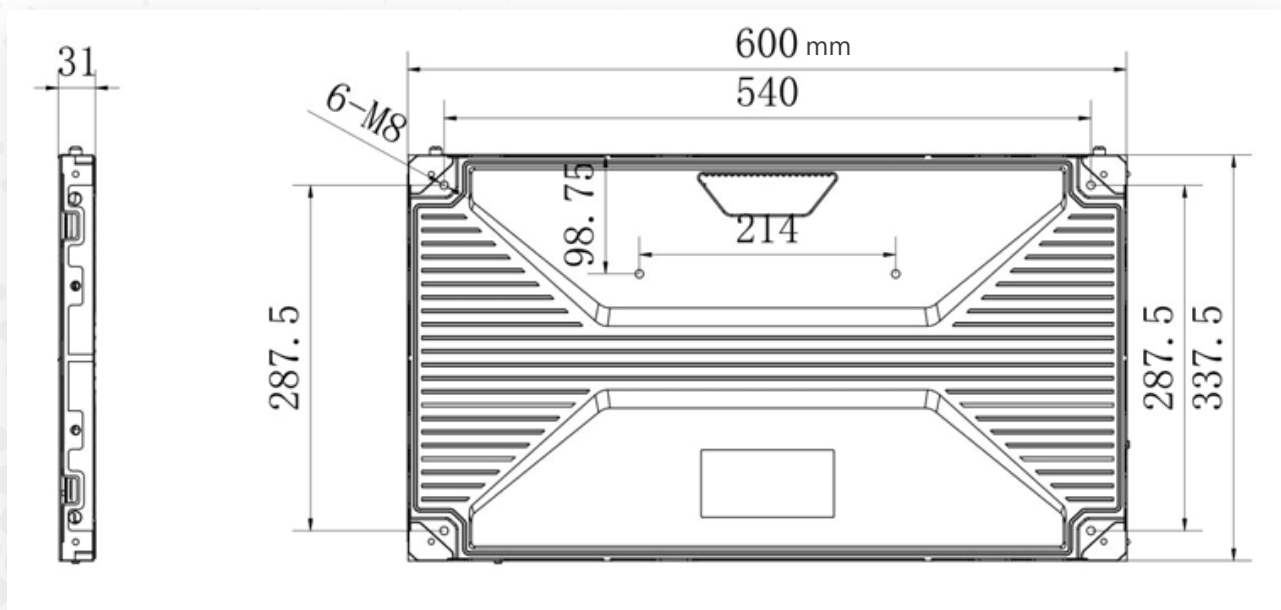
- **Hot-Swappable Design**  
Enables swift repairs without system interruption
- **Reduced Wiring Complexity**  
Integrated card design for simplified setup.
- **Eco-Friendly Standards**  
Certified to meet environmental regulations, supporting sustainable practices
- **Low Power Consumption**  
Advanced power module ensures long-term energy savings.



## Safety Precautions

- Avoid tilting, inverting, or colliding during installation.
- Do not expose to direct sunlight or environments above 80% humidity.
- Ensure proper grounding before operation.
- Disconnect both power inputs when servicing.

## Product Dimensions





## Specifications

| MODEL                                                 | DF2712                             | DF2715       | DF2718       | DF2725       |
|-------------------------------------------------------|------------------------------------|--------------|--------------|--------------|
| 01. LED Type                                          | SMD1010                            | SMD1212      | SMD1515      | SMD2121      |
| 02. Pixel Pitch (mm)                                  | 1.25                               | 1.56         | 1.875        | 2.5          |
| 03. Cabinet Resolution (dots)                         | 480×270                            | 384×216      | 320×180      | 240×135      |
| 04. Cabinet Size (W×H×D)/(mm)                         | 600×337.5×31                       | 600×337.5×31 | 600×337.5×31 | 600×337.5×31 |
| 05. Module Size (mm)                                  | 300×168.75                         | 300×168.75   | 300×168.75   | 300×337.5    |
| 06. Cabinet Weight (kg)                               | 4.5±0.1                            | 4.5±0.1      | 4.5±0.1      | 4.5±0.1      |
| 07. Contrast                                          | 6500: 1                            | 6500: 1      | 6500: 1      | 6500: 1      |
| 08. Refresh Rate (Hz)                                 | 3840                               | 3840         | 3840         | 3840         |
| 09. Brightness (nit)                                  | 600                                | 600          | 800          | 800          |
| 10. Power Consumption (Max./Ave.) (W/m <sup>2</sup> ) | 368/110                            | 310/93       | 385/116      | 420/126      |
| 11. Gray Scale (Bit)                                  | 16                                 |              |              |              |
| 12. Viewing Angle (H/V )                              | 170/170                            |              |              |              |
| 13. LEDs Life Time (hrs.)                             | 100000                             |              |              |              |
| 14. Cabinet Material                                  | aluminum                           |              |              |              |
| 15. Maintenance                                       | Front Access                       |              |              |              |
| 16. AC Input Voltage (V)                              | AC 100~240                         |              |              |              |
| 17. Operating Temperature/Humidity                    | - 10 ~40 / 10%~85% No condensation |              |              |              |



**REDEFINE WHAT YOU SEE**



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