

D6918C / D6918D

Distributed Digital HD Terminal



Description

The DSPPA D6918C/D6918D Distributed Digital HD All-in-One Terminal is a compact, high-performance device designed for reliable audio-visual signal management and intelligent control. Equipped with 4K video support, dual-network backup, and multiple input/output interfaces, it ensures stable transmission and versatile connectivity. The terminal provides intuitive local display, flexible central control, and seamless integration with the D6901 Distributed System software, making it ideal for conference rooms, monitoring centers, and multimedia applications.

Features

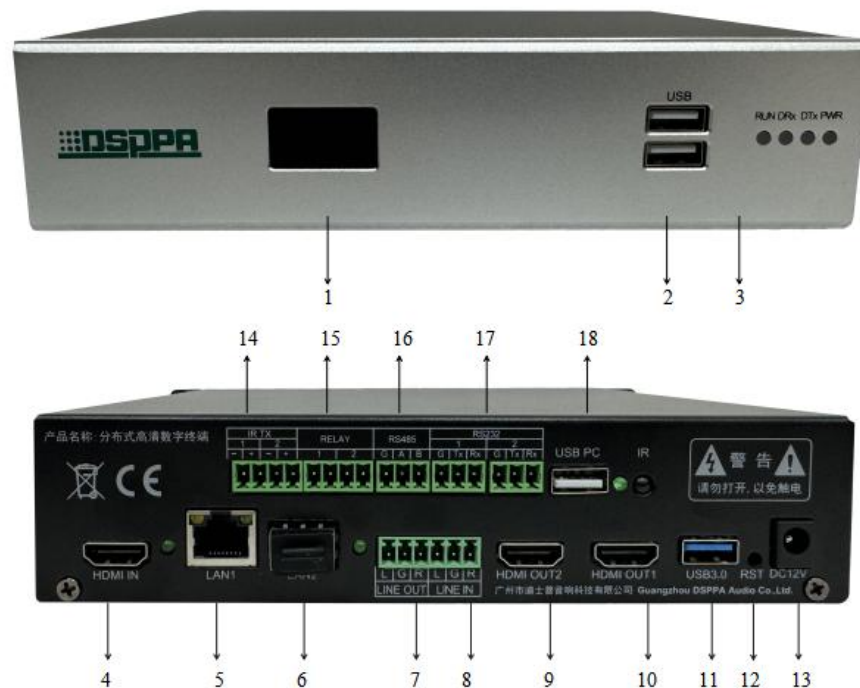
- Supports 4K@30Hz input and output resolution.
- Dual-network backup: Gigabit Ethernet + optional fiber optic port (SFP module not included).
- Central control via multiple low-voltage interfaces.
- KVM function support for seat management applications (disabled by default).
- Analog audio input and output support.
- Multiple HDMI inputs and outputs for video routing.
- USB2.0/3.0 ports for device connection, upgrades, and PC interface.
- OLED/LCD display shows device model, IP, and version information with auto-screen-off.
- RS232/RS485 interfaces for intelligent control of projectors and other devices.
- IR TX port for controlling infrared devices.
- Relay output for triggering external equipment.
- Compact rack-mount design with durable aluminum alloy enclosure.
- Slot dust cover for environmental protection.

- Supports DC12V power supply, 8W power consumption.
- Seamless integration with D6901 software for real-time signal management.
- Reliable HD signal acquisition, uncompressed transmission, and visualized control.
- Suitable for conference rooms, monitoring centers, multimedia publishing, and command & dispatch applications.

Specifications

Model	D6918C / D6918D
Enclosure Materials	Aluminum Alloy with Brushed Ppanel Finish
Installation Method	Rack-Mount
Dust Protection	Slot Dust Cover
Color	Black
Dimensions (D×W×H)	150 mm × 190 mm × 44 mm
Power Supply	DC12V @ 1A Input
Power	8W
Weight	Net Weight: Approx. 1kg, Gross Weight: Approx. 1.4kg
Package Dimension (L×W×H)	258 × 256 × 82(mm)
Operating Temperature	0°C ~ +50°C
Storage Temperature	-10°C ~ +70°C
Working Humidity	5% ~ 90%

Front / Rear Panel



1. LCD Screen

Displays the device model, IP address, and version

information.

2. USB2.0

For connecting USB devices.

3. LED Indicators

Power, network, and operation status indicators.

4. HDMI IN

Signal input interface.

5. LAN Network Port

Network interface of the device.

6. LAN2 Network Port

Fiber Optic Interface

7. LINE OUT

For local sound reinforcement or monitoring

8. LINE IN

Audio input interface

9. HDMI OUT2

Signal output interface 2. (Reserved Port)

10. HDMI OUT1

Signal output interface 1.

11. USB3.0

Device Upgrade

12. RST Reset Button

Press and hold to restore the device to factory settings.

13. Power Supply

Supports 12V DC power supply.

14. IR TX

Used to control infrared transmitting devices.

15. RELAY

Relay

16. RS485

17. RS232

Used for intelligent control of devices such as projectors.

18. USB PC

Connects to a computer via the USB interface.