DIMON
T E C H N O L O G Y

MANYA-4G

DMX/RDM Master Controller

The new generation of wireless synchronous video player adopts 4G communication module, which connects to the 4G communication base station around the device to obtain the high-precision timing signal from the Ruikong cloud server to achieve synchronous linkage control.

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Technical Data

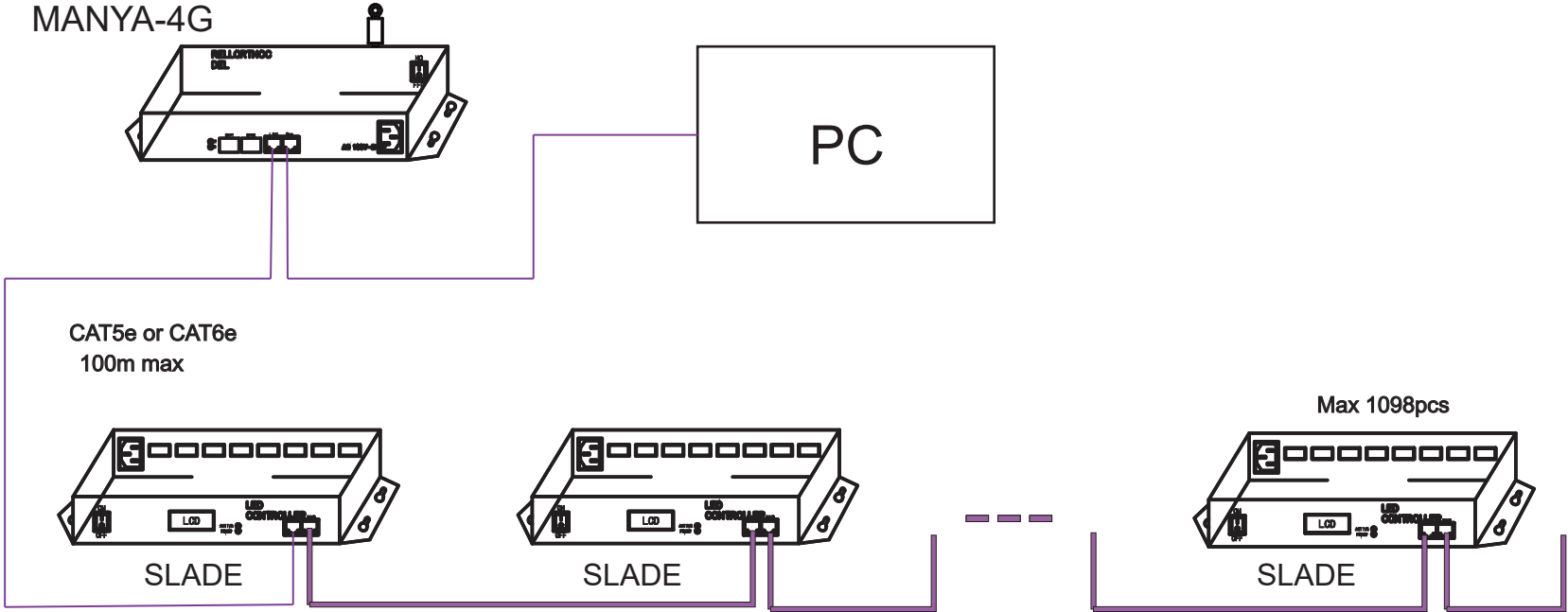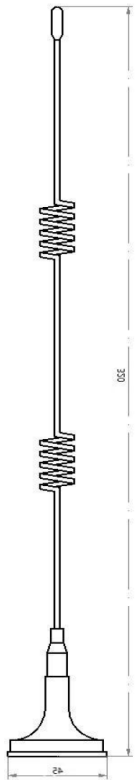|	
System Characteristics	Control up to 150,000 pixels (RGB) or 450,000 DMX512 Channels Scheduling Control for Light Effect controlled by date and time Off-Line Control Master to play Light effect automoaticly without PC Support switch parallel program: reduce the length of the system cascade chain to improve stability. Support two-way Failover backup Using Ethernet interface and UDP network protocol transmission stability, the maximum transmission distance of 100 meters by CAT5E SD card storage, the controller can support up to 32G, up to 99 preset program files. Built-in animation test program to facilitate debugging and application in the project.
WeChat applet background management functions	1. Submit registration for first-level user rights 2. You can register second-level user accounts and password rights 3. Support enabling and disabling second-level user rights 4. Support device grouping 5. Support device name customization 6. Support speed, brightness, and program scene switching 7. Support remote writing of DMX512 chip addresses 8. Receive the ETS timing signal from the Ruikong Cloud Server through 4G signals to achieve wireless linkage synchronization of multiple controllers, meeting customers' needs to synchronize multiple controllers when multiple buildings cannot be connected; 9. The system supports automatic, timed, and holiday preset effect playback; 10. The controller has buttons and an external remote control, which can realize program segment selection, brightness adjustment, white balance adjustment, playback speed adjustment, etc.;
Input Voltage	AC 100~240V 50/60Hz
Power	15W Max
Signal Mode	DMX512 (1990) and the various signal transmitted by RS-485 interface
Maximum DMX Capacity	150,000 pixels RGB or 450,000 DMX Channel
SD Socket	1x32GB max
Interface mode	RS-485 WIFI
Signal Input Socket	RJ45 x 2
Output Protocol	DMX512 (RJ45)
Weight	1.0 kg
IP RATING	IP20

Wiring Drawing

MANYA-4G

PC

CAT5e or CAT6e
100m max

Max 1098pcs

SLADE   SLADE   SLADE
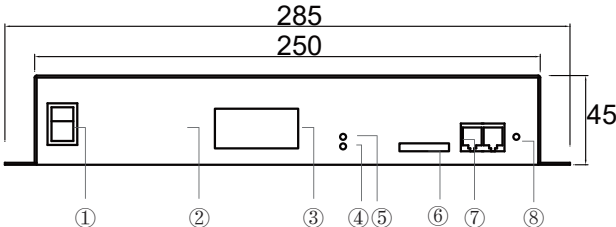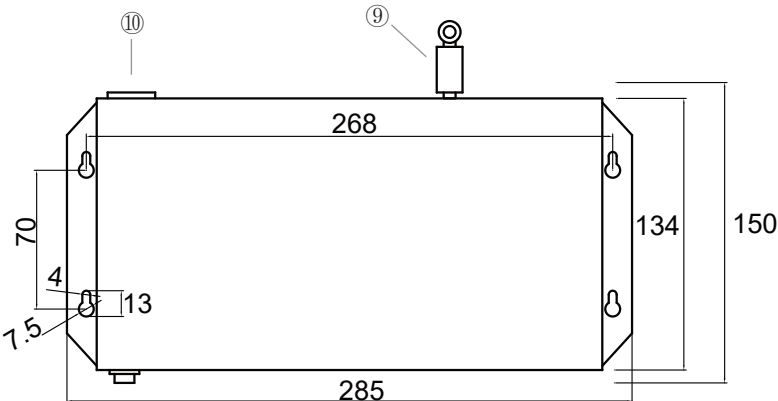
Unit: mm

DIMON
TECHNOLOGY

ETS /4G antenna

①: Power switch
②: Button
③: LCD display
④: Power / communication indicator
⑤: Work light
⑥: SD card slot
⑦: Adaptive network interface
⑧: Remote control infrared LEDs
⑨: ETS /4G antenna
⑩: Power plug

Unit: mm