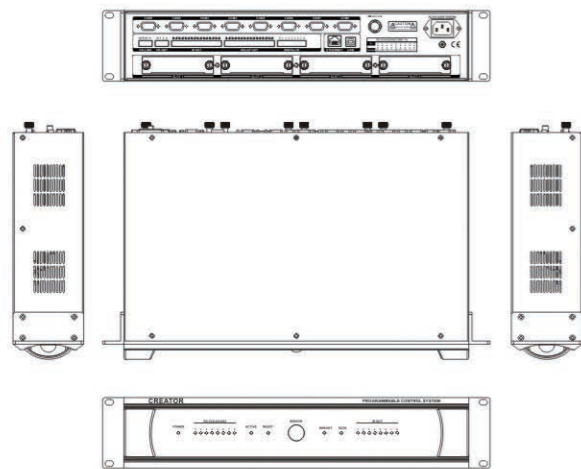


## CR-PGMIII

### High performance network programmable controller



CR-PGMIII



Size(mm):  
483.0(L)X260.0(W)X88.1(H)

#### Product overview

CR-PGMIII is a network communication controller as a result of CREATOR's independent research and development. The frequency of 32 bit embedded processor is up to 667MHz, with ARM11CPU, 256M ram, 1G Flash memory.

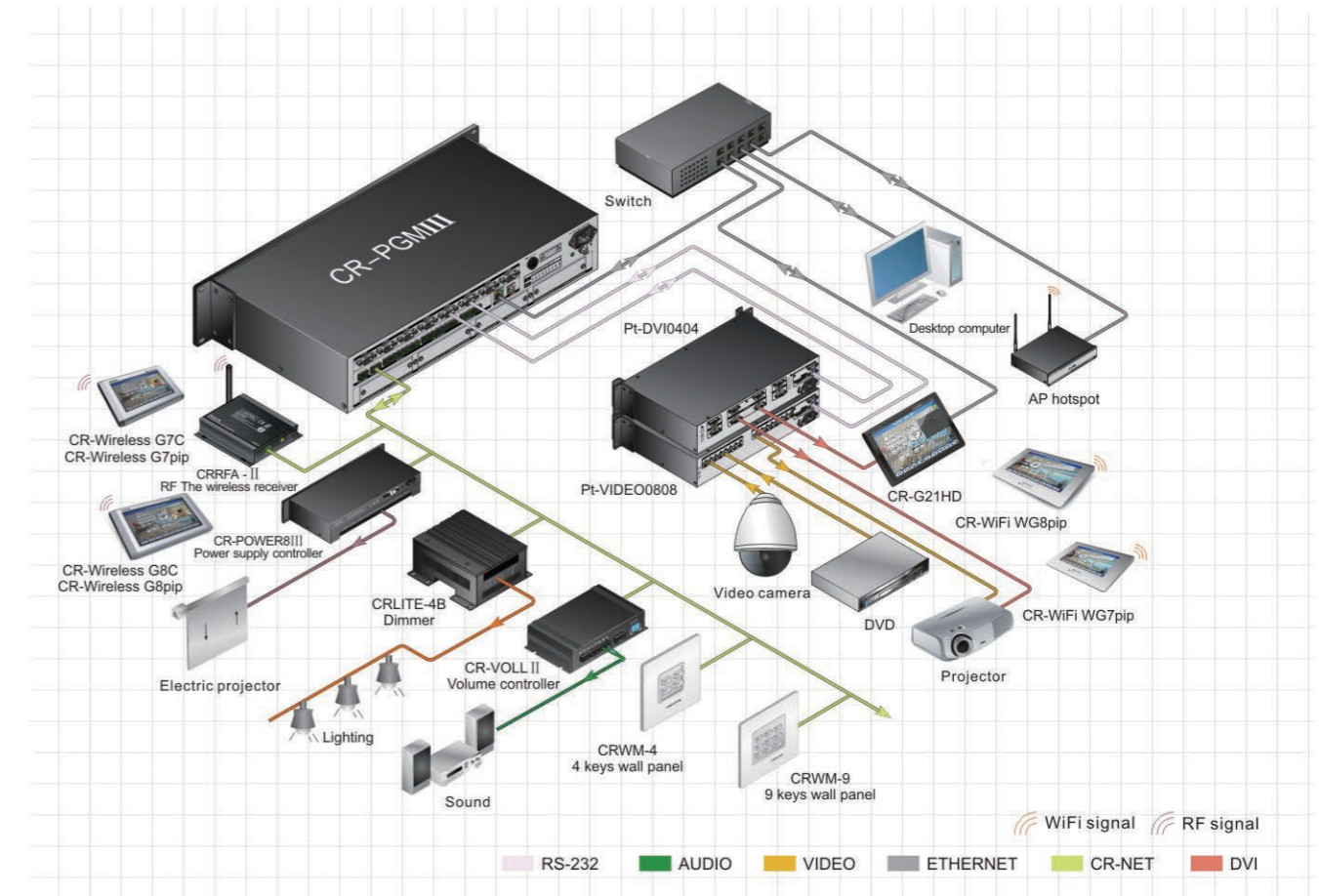
#### Function characteristics

- ARM11 CPU, 256M ram, 1G Flash memory.
- Using 32 bit embedded processor with 667M frequency.
- 8 independent programmable infrared transmission interfaces, support controlling many sets of the same or different infrared equipments.
- 8 independent programmable RS-232/422/485 control interfaces, user programmable Multiple control protocols and codes.
- 8 weak relay interfaces.
- 8 digital input / output IO interfaces.
- Two kinds of network communication: CR-LINK, CR-NET, Ethernet.
- USB2.0 programming interface.
- Embedded infrared learning device, convenient debugging and maintenance.
- Support local and remote control.
- The international general wide voltage (AC100 - 240V), can be widely applied in any countries and regions.

#### Specifications

The parameter name	CR-PGMIII
Memory	256M DDR-RAM, 1G FLASH
CR-NET, CR-LINK and Ethernet (TCP/IP)	Yes
Infrared independent emission port	8
Digital I/O port	8
Weak current relay interface	8
RS-232/422/485 serial communication	8
The USB interface	1
Extension socket	Yes
Grounding hole	Yes
Weight	About 4.5KG
Power waste	5W
Power supply	Adaptive AC100-240V

#### System connection diagram



#### Expansion card introduction



Simulation card CR-AD3

The CR-AD3 analog card is used for the function expansion of CR-PGMIII programmable controller. It increases the positive and negative voltage output function for CR-PGMIII controller, and the port actual voltage value can be read.



Control card CR-DMX512

The CR-DMX512 control card is used for function expansion of CR-PGMIII programmable controller. It can add DMX512 control function to controller CR-PGMIII.



Data acquisition card CR-AD005

CR-AD005 simulation card is used for function expansion of CR-PGMIII programmable controller. It allows CR - PGMIII controller to read sensor's actual value of voltage.



Data control card CR-DA012

CR-DA012 data control card is used for function expansion of CR-PGMIII programmable controller. It can add 8 way adjustable voltage output to controller CR-PGMIII increased, easy to control peripheral devices.