



Introduction

The PGM II control system is a masterpiece of CREATOR control systems. It bases on the up to 210 MHz, 32-bit embedded processor. Internal 8M SDRAM and 8M Flash allow intricate calculation of logic instruction in high speed. It provides open programmable control platform, personalized operation interface and mutual control structure to users. Adopting internationally popular SMT techniques and the PLD array, PGM II serves us the faster speed and more stable system.

The onboard powerful programmable interface makes the PGM II control system ideal for control of nearly all the peripherals (including the third party peripherals) and large-size system engineering, like large-sized meeting and multi-screen wall control system. Users can create their IR Code Bank, which supports logical controls of IR such as 1 key for 2 IR Codes. The latest IR Code Bank can be downloaded from CREATOR's Website. The PGM II control system supports 3 CR-Net control buses, which could be expanded up to 256 control modules, e.g. touch panels, dimmers, power controllers, volume controllers and matrix switchers. Ethernet control can be achieved by connecting it to the LAN with CRNET expansion card.

USB connection, it is more steady and efficient to download program.

Features

- ◆ processor
 - CPU: 32-bit Samsung Arm;
 - Processing Speed: 210MIPS;
- ◆ Memory
 - Standard Memory: 8M SDRAM, 8M Flash;
 - Extendable Memory: Totally up to 32M;
- ◆ Control Ports
 - COM Ports: 8DB9 male ports of bidirectional RS232, RS485 and RS422;
 - IR Ports: 8 terminal blocks, 16PIN output ;
 - I/O Ports: 8 terminal blocks, 9PIN , with protective circuit for 0-5V digital input;
 - Light Current Relay Ports: 8 terminal blocks, 16PIN output. with normally open and isolated relays rated 1A, 30V AC/DC;
 - CR-NET Ports: 3 terminal blocks of CR-NET bus, 4PIN, 24V/1A DC power supply;
 - NET expansion interface: 1 RJ II 6PIN interface, used to expand XPORT and WIPORT;
- ◆ Expansion Slots:
 - 2 expansion slots acce;
- ◆ PC Console Ports
 - 1 MINI USB1.1 (USB2.0 compatible) interface on the front panel;
 - 1 MINI USB1.1 (USB2.0 compatible) interface and 1 DB9 female port on the rear panel;
- ◆ Embedded IR learning function
- ◆ Enclosure:
 - metal case, rack-mountable
- ◆ Power Supply:
 - Universal international power supply (110V-240V) ;
- ◆ Software:
 - Control System Builder;
- ◆ Dimension:
 - 485L x 236W x 89H(mm);
- ◆ Weight: 2.8kg;

Supplied accessories

- ◆ 8 IR probes;
- ◆ A manual for operation;
- ◆ A software CD;
- ◆ Cables for installation;

Optional accessories

- ◆ Control panel
 - LTX-1200C wired video true color Touch Panel;
 - ST-7100C wireless video true color Touch Panel;
 - ST-7000C wireless true color Touch Panel;
- ◆ Peripheral equipment
 - CRPWR-8/4 power controller;
 - CRLITE-4A dimmer;
 - CR-VOL volume controller;
 - CRWM 2/8/16 wall control panel;
- ◆ Expansion cards
 - CR-XPORT Network card;
 - CR-TEL telephone remote control card;
 - CR-UART8 multi-series expansion card;
 - CR-EIO32 digital I/O expansion card;
 - CR-ERY16 light current relay expansion card;
- ◆ IR probes;

