

## Functional Overview

The expansion card is according to the actual needs of users; is mainly used to increase host's extra functions, so as to achieve the user's personal needs.

CR-DA012 data control card is used for CR-PGM III programmable control host's function expansion; it allows CR-PGM III host to increase 8 roads output of adjustable voltage, easy to control the peripheral equipments.

**Val - :** Value of Analog (Note: according to specific external equipment.) (General values range from double 0V to 12 V).

**Example:** `acar_L = L:7:ACAR:192.168.1.20; //`  
Define ACAR equipment whose CRLINK ( CAN ) number is 7

`SEND_ACAR( acar_L,1,12);//` to send analog value +12 to the first way of lilt\_L, namely setting analog card output +12 V

## Application Characteristics

- ◆ Output: 8 DC output;
- ◆ D . A conversion: D/A converter function, 12 output precision;
- ◆ Output voltage range: 0 V to +12 V;
- ◆ Output voltage can be regulated by software;
- ◆ The maximum current of each output is 2mA

## Operation Methods

◆ Output voltage control method (D/A converter); CR-PGM III host send certain roads and certain volts output voltage to analog card, analog card receive the instruction to make voltage output.

◆Following are the programming function description of CR-PGM III when use analog card

### **SEND\_ACAR**

`void SEND_ACAR(String dev,int channel,int val)`

Function: to control the voltage output of analog card

#### **Parameters:**

**Dev - :** Analog device

**Channel - :** Equipment channel number