CR-MVC6300HD
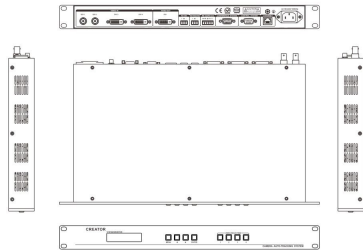## HD auto-tracking camera controller

CR-MVC6300HD

Size（mm）：
483（L）x260（W）x43.6（H）

Product overview

CR-MVC6300HD auto-tracking camera controller can support both traditional preset position camera tracking as well as new infrared located tracking function. It has a built-in 4*1 matrix switcher to process different signals and with the function of image freezing. Besides, it can support cascade and can make good control of several cameras at the same time.

Features

- 2 HD-SDI/3G-SDI inputs, 2 DVI inputs, 1 DVI output.
- 4*1matrix switcher, maximum supported output resolution is 1080P@60Hz, DVI input has long distance balanced driving function. DVI input cable should be less than 35 meters.
- Seamless switching, no jitter, no blank screen.
- Adjustable image freezing function (freezing time from 1 to 6 seconds, freezing time can not be less than 1 second or freezing function would be turned off).
- RS485 port supports PELCO-P, PELCO-D, SUMSUNG protocol.
- RS232/RS422 port supports VISCA protocol.
- Support devices cascade to meet the need of more than 4 signals to be switched.
- Keyboard connector supports PELCO-P, PELCO-D, SAMSUNG protocols, and can realize temporary camera tracking position adjustment.

Specifications

	Parameter name	CR-MVC6300HD
DVI input	Signal format/quantity	DVI-D／2
	Connector	DVI-D
	Pixel bandwidth	165MHz
	Impedance	Differential 100Ω
	Support resolution	800X600@60Hz；1024X768@60Hz；1280X720@60Hz；1280X800@60Hz；1280X1024@60Hz；1366X768@60Hz；1400X1050@60Hz；1440X900@60Hz；1600X900@60Hz；1600X1200@60Hz；1680X1050@60Hz；1920X1080@60Hz
	Transmission distance	≤35m
SDI input	Signal format/quantity	SDI／2
	Connector	BNC female connectors
	Pixel bandwidth	165MHz
	Video format	270 Mbps SDI，1.485 Gbps HD-SDI and 2.97 Gbps 3G-SDI
	Support resolution	1280X720@50Hz；1280X720@60Hz；1920X1080@25Hz；1920X1080@30Hz；1920X1080@50Hz；1920X1080@60Hz
	Transmission distance	3G-SDI≤100m, recommend certified SDI professional wire like Belden 1694A

Specifications

	Parameter name	CR-MVC6300HD
DVI output	Signal format/quantity	DVI-D／1
	Connector	DVI-D
	Pixel bandwidth	165MHz
	Support resolution	800X600@60Hz；1024X768@60Hz；1280X720@60Hz；1280X800@60Hz；1280X1024@60Hz；1366X768@60Hz；1400X1050@60Hz；1440X900@60Hz；1600X900@60Hz；1600X1200@60Hz；1680X1050@60Hz；1920X1080@60Hz
	Transmission distance	≤7m
Control	RS-422／RS-232	5 bits 3.8mm phoenix connector，RS-422:1=RX+,2=RX-,3=GND,4=TX+,5=TX- RS-232:1=RX,3=GND,4=TX
	Keyboard control	3 bits 3.8mm phoenix connector，RS-485:1=TX+,2=GND,3=TX-
	RJ45 connector	100M TCP／TP protocol

System connection diagram

CR-WF30A

KEYBOARD

CR-MVC6300HD
Camera tracking controller

CR-WiFi6301

Projector

DVD

PC

CR-DIG5203E3
Interpreter unit

CR-V1013
HD camera

Sound

CR-DIG52032BOX
The connection box

CR-V1013
HD camera

CR-DIG5202B2
Chairman unit

CR-DIG5203E3
Interpreter unit

CR-V1013
HD camera

CR-DIG5204B2
Delegate unit

CR-V1013
HD camera

KEYBOARD   RS-232   AUDIO   VIDEO   ETHERNET   Aerial line