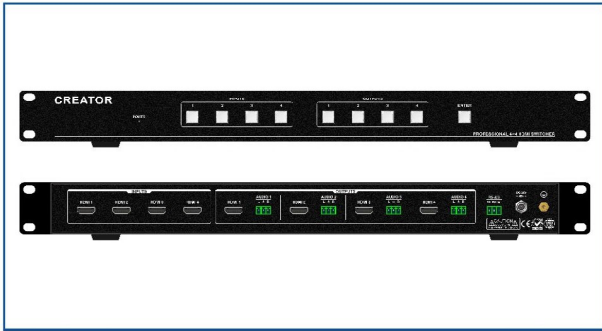


CR-UHD0404

UHD HDMI matrix switcher



CR-UHD0404

Product overview

CR-UHD0404 is a 4K HDMI matrix switcher with 4 inputs and 4 outputs, supports video resolution up to 4096*2160@60Hz and 4 HDMI unbalanced analog stereo audio outputs. Fast and accurate signal switching can be realized through front panel buttons control and RS-232 control.

CR-UHD0404 matrix can be widely used in radio and television projects, multimedia conference halls, large-screen display projects, television teaching, command and control centers and other occasions.

Features

- Support 4 HDMI 2.0 signal inputs, 4 HDMI 2.0 signal outputs;
- Support interface bandwidth 18gbps, support resolution up to 4096x2160@60_24bit, 3840x2160@ 60_24bit;
- Support HDMI 2.0, HDCP2.2 or HDCP 1.4 (optional output HDCP on or off, the system default output HDCP state is off);
- Support 4 de-embedding analog audio outputs (unbalanced stereo, 20Hz-20KHz);
- Support front panel backlit buttons control and RS-232 control;
- Support EDID management;
- Support online firmware update and factory reset;
- If there is no operation within 15 seconds, the switching state will be automatically saved.

Specifications

The parameter name	CR-UHD0404
HDMI version	HDMI2.0, HDMI 1.4a
HDCP version	HDCP 2.2, HDCP 1.4
Video bandwidth	18Gbps
Video resolution	640x480x60Hz to 4096x2160x60Hz
Highest pixel clock	600MHz
Interface	HDMI-A interface, 4 HDMI inputs, 4 HDMI outputs,4 unbalanced audio amplifier output with 3-pin Phoenix connector
Min/max level	T.M.D.S. 2.9V/3.3V
Input EDID	Use the system default EDID, (support terminal EDID mapping to input)
Maximum DC offset error	15mV
Recommended maximum video input and output distance	Input is less than 7 meters; output is less than 7 meters, when transmitting 4096px2160@60 (recommended to use certified HDMI2.0 dedicated cable)
Housing	Black metal
Size	483(L)X130(W)X44mm(H)
Weight	About 1.75kg
Power supply	DC24V
Power consumption	Static power consumption<=10W; full load power consumption<=20W
Working temperature	-20°C ~ 70°C
Working humidity	0~95% RH

System connection diagram

