

Chameleon 256HB Series Router



Our Chameleon 256HB series switchers are custom-configured, modular products that can be configured in sizes from 16x32, up to 256x256. Smaller configurations can often be expanded by simply adding input or out put cards to the chassis via the hinged front panel. Analog video signals from composite up to RGBHV are supported by the various configurations within the series. Systems can be specified with balanced or unbalanced broadcast quality audio that can be routed independently from the video or as audio-follows-video. The crosspoint matrix is controlled via RS232, IP or from the intuitive and familiar keypad front panel controller. An optional external keypad controller is also available for remote operation. All single-chassis switchers in

- *Field Serviceable*
- *Field Upgradeable*
- *Optional Input Preview Monitor*
- *High Bandwidth for HD Video Use*

the Chameleon family are available with an optional industry-exclusive, integrated front panel preview monitor.

Specifications

Video Channels:

RGBHV, RGB/RGB: - up to SXGA
 HD up to 1080p, SD NTSC, PAL, SECAM
 Levels: 1V p-p
 Frequency Response: DC to 200MHz
 Input Impedance: 75 Ohms
 Output Impedance: 75 Ohms
 Crosstalk: less than -70dB@5MHz
 Connectors: 75 Ohm female BNC
 Maximum DC Input: +/-0.5V

Audio Channels:

Frequency Response:
 +/- 0.1db 20Hz-30kHz
 THD @ 1kHz:
 0dbu: 0.014%
 +20 dbu:0.022%
 Max Input Level: +24 dbu
 Max Output Level: +24 dbu
 Gain: 0db (unity)
 Input Imp./Unbal.: 100K Ohms, DC coupled
 Input Imp./Bal.: 600 Ohms
 Output Imp./Unbal.: 1K Ohms, DC coupled
 Output Imp./Bal.: 600 Ohms
 Connectors: RCA, WECO

