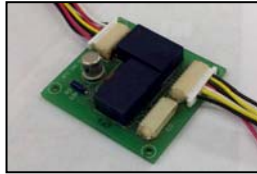
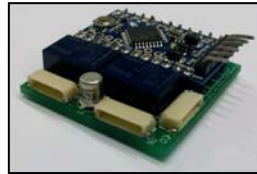


BTC - Dual Relay Switcher Board



BTC-Dual Relay



BTC-Dual Relay PWM

Description:

BTC- DR boards allow the user to switch between two analog camera sensors to a single output. The dual relay board switches the analog video stream and the RX and TX data lines from two camera sources. Standard version requires 3.3 volts to activate switch

PWM version uses standard 1000 to 2000 microsecond PWM signal to activate switch and a second PWM input will control a Sony block's zoom functions via the VISCA command protocol. Two user selectable zoom position modes available - absolute (slider or dial) or relative mode (centering joystick)

These units can be installed inside in our Dual camera units. When purchased separately the units are provided with mating connectors and 8" pigtails.

Specifications:

BTC-DR		BTC-DR PWM	
L x W x H - 1.3" x 1.225" x 0.3"		L x W x H - 1.4" x 1.4" x 0.4"	
9 pin I/O – Power, Video, communications and switch voltage		9 pin I/O – Power, Video, communications and switch voltage	
(2) 8 pin Camera connectors		(2) 8 pin Camera connectors	
		Input pulse resolution	1µs
Typical Current Draw	50 mA	Dead band width	1% of range
Maximum Supply Voltage	12 VDC	Maximum PWM Input Voltage	5.5 V
Maximum Switch Voltage	3.3 VDC	Minimum PWM Input Voltage	3 V
Weight	10 grams	Weight	13 grams