



# RX200



Pan only unit supports Wash/Wipe/Lights control for static cameras.  
Controlled by BBV up-the-coax and 20mA twisted pair.



## Application Notes

The RX200 offers control of AC driven pan only or wash / wipe / lights for static cameras. The compact dimensions of the PCB allows it to be fitted within a camera housing or dome as an alternative to the more usual weather-proof enclosure.

## Features

- No additional cabling required. Operates up to 250mtrs of RG59 or 500mtrs of standard CT125 coaxial cable (assuming ideal conditions)
- Built-in launch amplifier provides cable loss compensation for optimum picture quality
- Self-tuning facility ensures reliable operation even when operating up to 500mtrs of CT125 coax cable
- Various supply options, 24Vac /110Vac / 230Vac (230Vac as standard)  
Supports 20mA current loop as standard for situations where coax control is impractical
- Supports local diagnostics and test facility
- Compact design allows various mounting options
- Compatible with all BBV telemetry transmitters
- Random pan function which does not require an autopan card.
- Optional 24Vac output for low voltage heads



### Building Block Video Ltd.

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## Technical specification

<b>Power supply</b>	230V 50Hz, options for 110Vac or 24Vac		
<b>Max load</b>	5A at 230V		
<b>Max current draw</b>	6VA		
<b>Fuses</b>	Auxiliary fuse (F2) slow blow (rating dependent on supply and output voltage)		
<b>Outputs</b>	5 single pole change over relays (snubbed) <ul style="list-style-type: none"> <li>1. Left motor</li> <li>2. Right motor</li> <li>3. Wiper</li> <li>4. Washer or autopan (switch selectable)</li> <li>5. Lights</li> </ul>		
<b>Features / options</b>	Unit auto tunes to the coaxial telemetry signal LED readout for continual system status Diagnostic test switch (SW8) activates each function for 2 seconds in turn Video launch amplifier with gain and lift controls Camera power outlet provided Colour coded outlets - live, neutral and earth, low voltage 24V output option available from factory, plugs into J5 (pre-wired)		
<b>Telemetry signals</b>	Up-the-coax FSK telemetry designed to operate up to 250mtrs of RG59 or 500mtrs of CT125 coaxial cable (assuming ideal conditions) or via twisted pair 20mA loop (1200baud, even parity, 8 data, 1 stop bit)		
<b>Video input</b>	1V p-p 75R terminated input via BNC socket		
<b>Video output</b>	1V p-p to 4V p-p 75R impedance via BNC socket		
<b>Auto iris output</b>	Returns to original setting 15 seconds after key release Level programmable from keypad		
<b>Temperature range</b>	-10C +40C		
<b>Installation</b>	Supplied in a moulded polycarbonate box rated to IP67. The box has mounting holes allowing easy installation		
<b>Dimensions</b>	Boxed PCB	Width: 380mm Width: 108mm	Depth: 190mm Depth: 108mm Height: 130mm Height: 38mm above PCB without IEC inserted
<b>Weight</b>	2.4Kg PCB: 0.4Kg		
<b>Colour</b>	RAL 7035		
<b>Supply/output options</b>	<b>Part Code</b>	<b>Supply</b>	<b>Output</b>
	RX200	230Vac	230Vac
	RX200/24	230Vac	24Vac
	RX200/110/110	110Vac	110Vac
	RX200/110/24	110Vac	24Vac
	RX200/24/24	24Vac	24Vac
	PCB version suffix: /PCB		
	Boxed version suffix: /WBX Protection Rating: IP67		



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