

RCP



The new user friendly Polecam universal Remote Control Panel (RCP) provides comprehensive control of up to five camera types using a single balanced audio sine wave data signal.


A remote receiver box (RX unit) complements the RCP (TX unit) operable in excess of 1500m away (at 1200 baud). The data signal can be integrated with many professional RF audiolink systems. The RX Box provides both a 12v DC supply and control data to the camera.

The RCP is ideal for both multi-camera studio and OB work.

A POLECAM rig could be left without an operator and the positional pan and tilt unit be remotely controlled by the RCP in an OB vehicle.
e.g. Behind the goal in football

- Control of up to five cameras
- Different camera types accommodated
- Compatible with major manufacturers' cameras; e.g. Camera Corps, Hitachi, Iconix, JVC, Panasonic, Sony, Toshiba, etc.
- Allows remote operation of Polecam recommended Toshiba and Iconix cameras
- Remote receiver box (RX) complements the Polecam RCP
- Colour balance, master pedestal, gain, detail and other engineering parameters can be remotely adjusted
- High signal robustness >1500 metres
- Iris control
- Option of joystick remote control for POLECAM pan & tilt head available
- Rack mountable
- Red and green operator tally lights
- Integrates easily into any OB or multi-camera set-up

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POLECAM



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RCP UNIT <u>FRONT PANEL (TX UNIT)</u> Channels	5 Camera Channels	
Camera Update	Sending recent stored adjusted settings to the camera	
White Balance	White balance operation available on camera when lit	
Black Balance	Black balance operation (camera dependent)	
Remote Camera Enable	Contact closure at RX box for remote camera power switch	
Bars	Switches camera output to colour bars	
Menu Select Buttons	Two illuminated buttons allowing movement around camera menu	
Function Adjust Buttons	Four buttons below LCD panel allowing selection of sub-menus and navigation	
Control Knobs -	<p>Red and blue GAIN control *</p> <p>Red and blue BLACK control *</p> <p>Master BLACK control</p> <p>IRIS / EXPOSURE control **</p> <p>* May be reassigned for stand-alone pan & tilt control (camera dependent)</p> <p>** Can control motorised iris setting, iris override when camera is set to Auto Iris mode and operate POLECAM iris motor drive</p>	
'Auto' Button	Switches camera to CCD iris with manual offset (using iris Knob)	
PV Button	Preview monitor switching	
LCD panel	Displays changing values of Knob adjustment	
<u>LEFT HAND SIDE</u> DIP Switch settings	1 & 2	Baud rate settings 1200, 2400 or 4800 (default 2400 baud)
	3 & 4	Factory use / future expansion
Data output level control	Encoded sine wave preset to 6db (1volt pp) (approx mid position)	
<u>RIGHT HAND SIDE</u> Reset button	Reset panel processor	
<u>REAR PANEL</u> <u>CONNECTORS</u> 15 way 'D' male	A custom cable providing data and power to complement the camera of choice at point of order	
9 way 'D' female	Not used (future expansion)	
10 way IDC connector	External video matrix for engineer racking integration	
16 way IDC connector	Input of tally select control	
Overall Dimensions & Weight	355 x 102 x 74mm (L x W x H*)	826g * 50mm depth from panel face to underside
RX Unit Operating Distance	In excess of 1500m (cable dependent)	
Power	12 volt DC (Unit and camera)	
Channel select	Select up to five mixed cameras	
Functions	<p>Camera remote power On / Off switch</p> <p>Dual tally red / green output</p> <p>A single Pan, Tilt and IRIS drive connector (LEMO 6-pin) is provided for POLECAM integration. This can be configured for limited operation of various OEM pan/tilt heads & lenses (Call for details)</p>	
LED Display	Presence of power, data and camera tally confirmation	
Overall Dimensions & Weight	110 x 105 x 60mm (L x W x D)	460g