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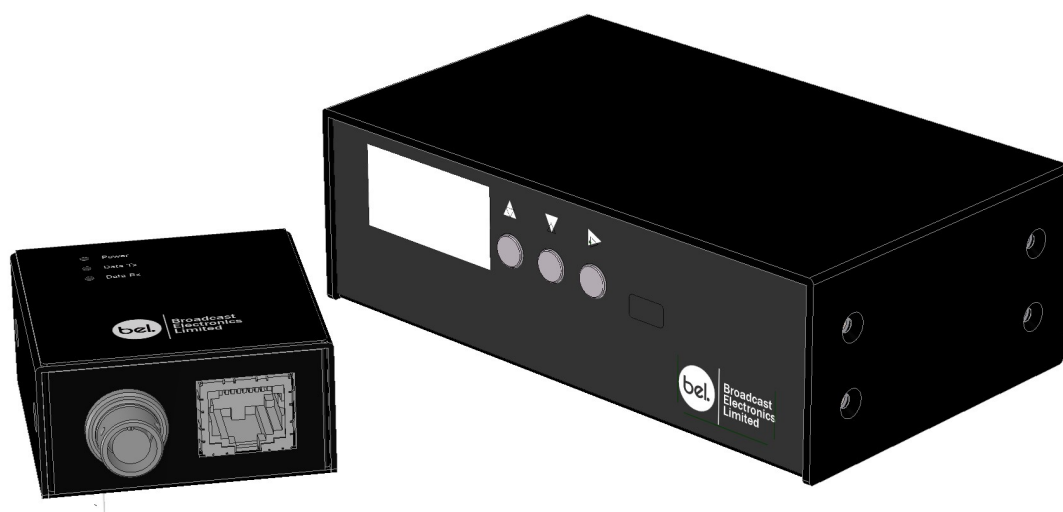
IP2

Camera control over IP

Support for broad range of OEM cameras and control panels

Compact design for both camera and control panel interfaces

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Overview

IP2 supports common camera control protocols converting them to IP for transmission over a wide range of IP networks.

The ability to convert camera control data to IP opens opportunities to remotely control a full range of cameras using existing control panels. Initially supporting Sony cameras and RCPs, the system can easily be integrated into your existing IP networks.

Use this system to integrate with Local Area Networks (LAN), Wide Area Networks (WAN), Wireless Networks (WLAN) and the latest wireless mesh network technology. Or just a plain old network cable to extend control beyond the camera cabling.

Features

Support for broad range of Sony cameras and control panels

Transparent end-to-end protocol support

Tally support on the camera and control panel

Compact Camera Interface, small enough to be mounted directly to the camera.

Compact Control Panel Interface for space sensitive installations

Intuitive web interface. OLED display and LEDs indicating data communication and connectivity status

Benefits

Transparent protocol support means that all camera parameters can be remotely controlled, just the same as a wired camera.

With integrated tally support there is no need for additional tally systems.

Intuitive display and control means the system can be set up very quickly and easily.

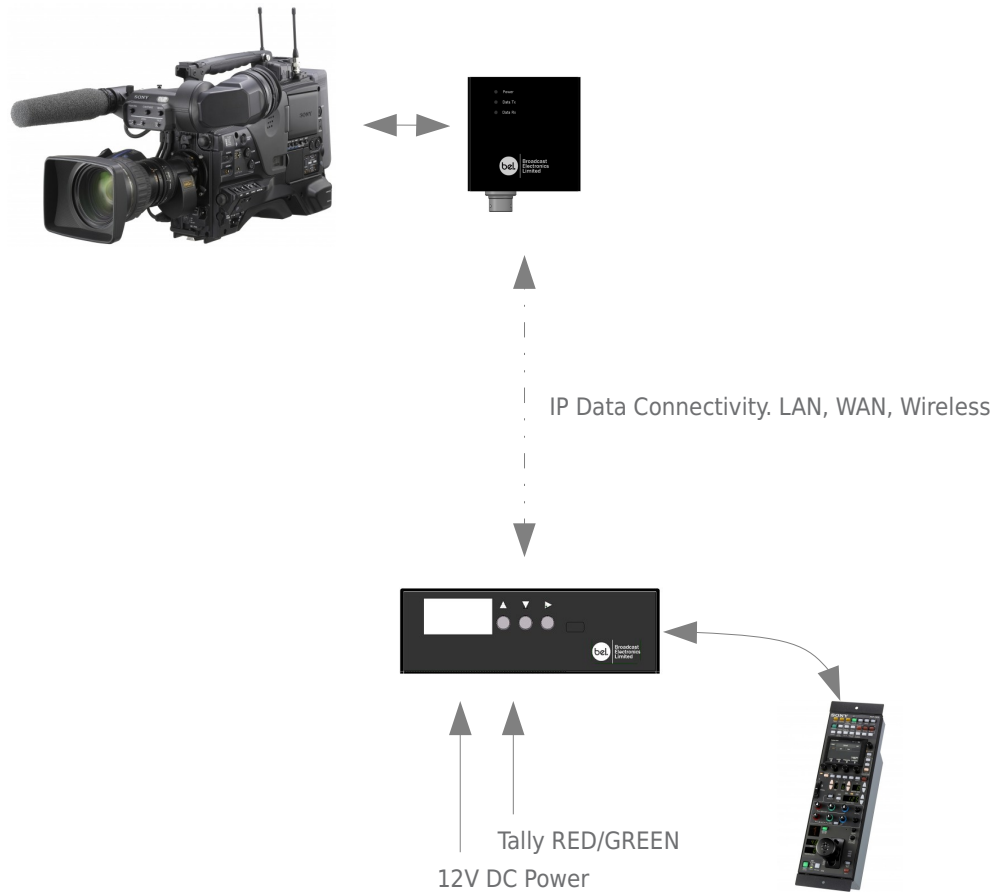
Applications

IP2 can be used in many applications where there is a need to remotely control the paint features of a camera beyond the maximum supported cable length. This is particularly useful for controlling camcorders and other cameras that do not have CCU connectivity including the latest UHD/4K and large sensor camcorders.

Secure WAN connectivity can be used to provide a connection so that a camera can be controlled from just about anywhere. And all with full control and feedback meaning there is no compromise in production quality.



System Diagram





Camera Interface Specifications

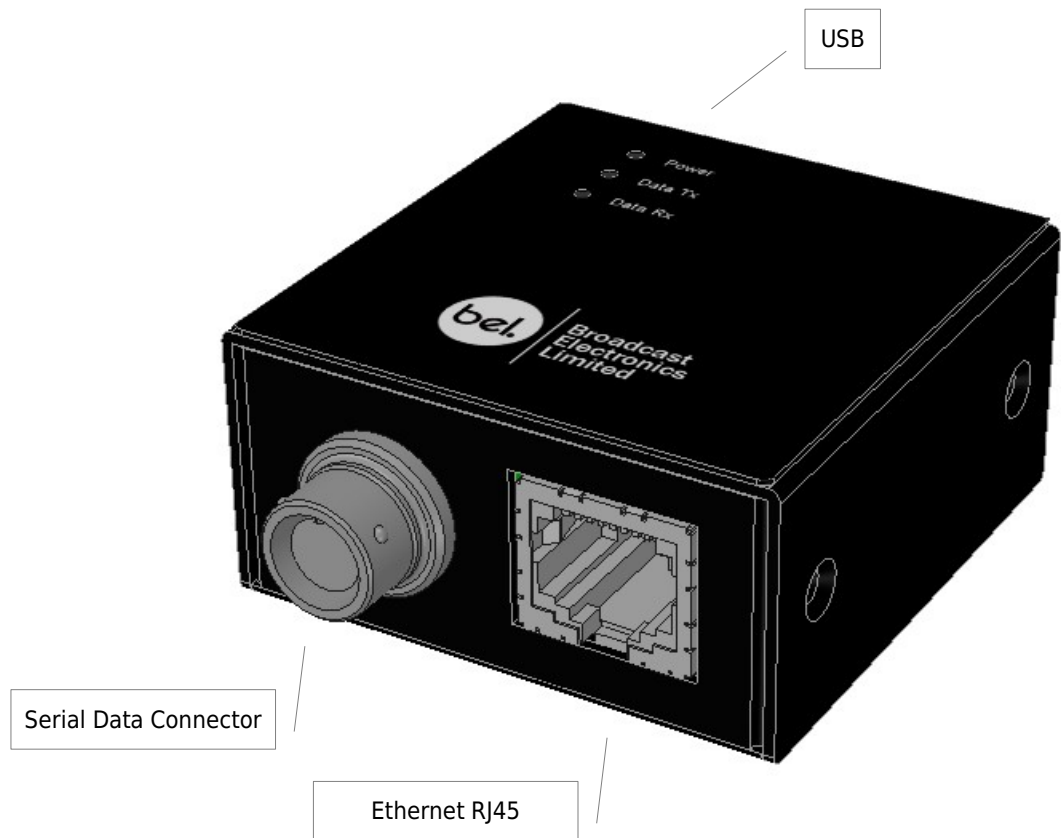
General

	Min	Typ	Max
Power Supply	6.5V	12V	30V
Power Consumption	1.5W nominal,		
Dimensions	50x50x25mm		

Input / Output

Ethernet	RJ45 10/100Base-T
Serial Camera Data	Hirose 8-P Female. RS422, Power
Upgrades	mini USB

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Control Panel Specifications

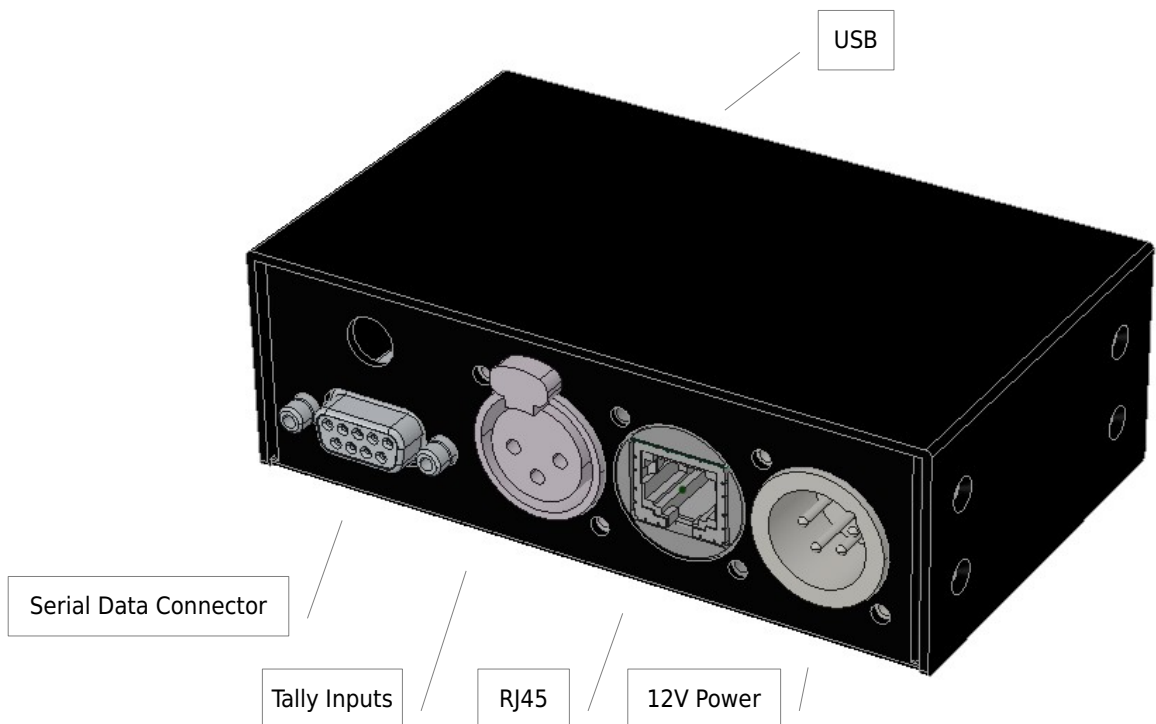
Generale

	Min	Typ	Max
Power Supply	4.5V	12V	30V
Power Consumption	7W Including Control Panel		
Dimensions	118X70x38mm		

Input / Output

Serial Camera Data	9-Way D-Type Female RS232 / RS422, Power
Tally	XLR3 Female
Ethernet	RJ45 10/100Base-T
Upgrades	Mini USB
Power	XLR4 Male

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Supported OEM Cameras and Panels

Sony

Cameras - HDC-2500, HDC-1500, HDC-P1, PMW-F55, PDW-700, PDW-F800, HDW-709, DVW-700, DVW-790, DVW-970, BVP-550. All other cameras are untested.

RCPs - RCP-1500, RM-B150, RM-B170. All other panels are untested.

For other OEM support please contact Broadcast Electronics Ltd.

Note: All camera and control panels are tested with known and recorded firmware version where possible. Broadcast Electronics Ltd. can not be held responsible for incompatibilities with other firmware (older or more recent). Please consult Broadcast Electronics Ltd. for details of specific firmware versions that are known to with individual OEM products. We advise all users test systems prior to use.



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