

IP Interface

Mk2



The **IP Interface Mk2** from **BR Remote** is both easier to configure and is more advanced than previous versions. It is identified by the red surround to the RJ45 network connector port. It retains our standard XLR4 connectors and uses standard 12v power.

The main difference is that each IP Interface is both a multicaster and a receiver so it does both jobs depending on where it is in a system and how you plug it in.

The downloadable configuration tool is much simpler to use and because we now use the Mac address to address them during configuration you don't need to change the subnet of your pc to find them.

When connecting to a controller the unit is powered from the controller. When connecting to a camera it uses the camera power supply and passes power on to the camera.

- No fiddly power connectors with odd voltage PSUs.
- Standard XLR & RJ45 connectors.

They can be used for any remote equipment – not just BR Remote kit - to send RS422/485 data with minimal latency to any remote equipment. These units have been used successfully to enable live remote camera operation from hundreds of kilometres away over a VPN to the venue.

This same technology is also available built-in to both controllers and cameras. This gives added functionality. When built into a camera it affords full control of the camera and the metadata is automatically put back onto the network and is routed to both the graphics machine and back to the controller.

When a camera is first powered up on a network the controller sees this and requests all the camera settings. It can then synchronize the controls to match the camera. Also, if the camera is switched out of Auto Focus or Auto Iris. The focus and iris setting are sent to the controller to sync these controls with the camera settings.

We have put a lot of effort into getting the latency as low as possible. On a dedicated network the control and metadata latency is about 8m/sec. Less than ½ a frame.



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