

Compact Remote Head



- **RS485** or **IP** control
- Loads up to 4kg
- Multiple Heads from 1 controller
- Integrated **Motion Control** & Profile Moves
- Integrated Camera PSU & Lens Control
- Continuous **Free-D** Metadata output
- Suitable for **Virtual Reality**
- Positional Control to 0.005deg
- Virtually **SILENT** operation

*Specifications subject to change without notice.

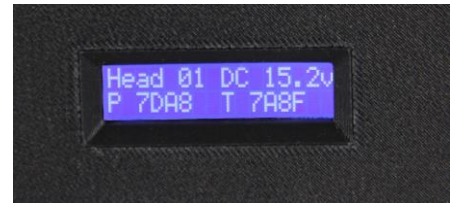
The **Mini Pro** is basically a smaller version of our popular **Protean Remote Head** in a fixed size. It uses the same direct drive technology and has various options such as lens drivers and IP connectivity.

It is ideally suited for small 'box' type cameras like the Z-Cam and Panasonic cameras.

Connection and control is the same as all our other remote heads via RS485 or via the IP option. Fibre options are also available.



There is a status display on the side of the unit which has many pages of information and can also assist in trouble shooting. The pages are scrolled from the **Multi Function Controller** which can also echo the display on its central screen.



Metadata

Positional feedback (metadata) is essential for both virtual and augmented reality and any application under computer control.

16bit, metadata is output continuously on to the IP network which is the most common way of using the data.

Lens Control

Lens control options are either vis 12 pin Hirose connectors, for broadcast lenses or Lemo connectors for Lens servos like the **PD Movie** servos.



Camera CCU Control

Various camera CCU control protocols can be built-in or you can choose the **RS422** or **RJ45** connection between the base and the camera connections.

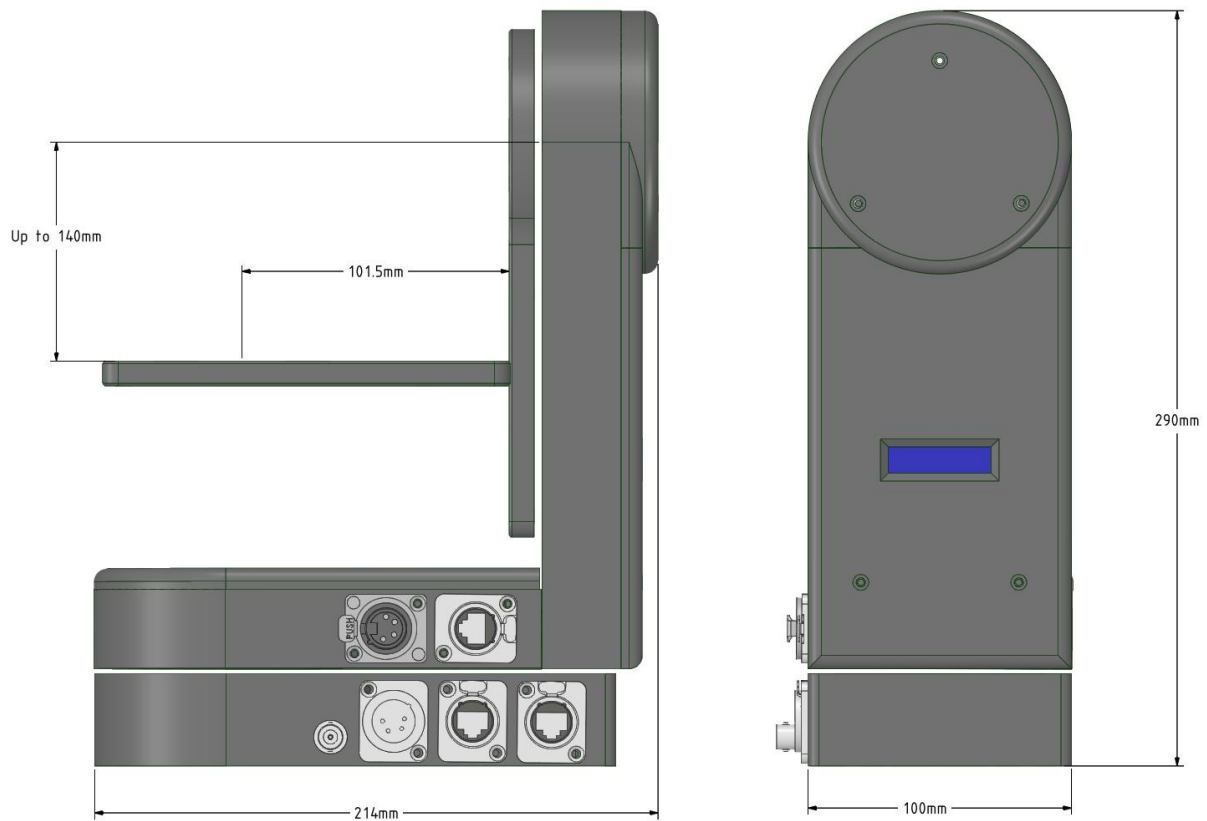
Motion Control

Up to 64 pre-set positions can be stored and recalled in the head. (depending on controller) Each position includes, Pan, Tilt, Zoom and Focus positions. Once stored, the positions are saved during power loss.

A major feature of the **Mini Pro** is that it always does a **Motion Controlled Profile Move** to each pre-set position. The profile of this move can be specified by the operator using our standard **Multi Function Controller**. All axes, Pan, Tilt, Zoom & Focus, will move in the same period of time to the specified position. A default period is automatically stored but can be adjusted at any time. Total Time, Ramp Up time, and Ramp Down time can be adjusted by the operator for each position independently.

Full positional motion control can be achieved by using any number of motion control systems.





Power: 12v @ 0.3A quiescent. 4A full drive both axes. + camera power.

Weight: 3.6kg

Max Load: 4kg

Inputs: RS485, IP Network.

Outputs: BNC loop thru, RJ45 Loop thru. **Free-D** onto network

Lens Drive: 2 x 12pin Hirose or PD Movie drive. (6pin Lemo)

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