

## Low Profile Pan & Tilt Head



- **Lightweight, low profile**
- **Lens control**
- **Sony CCU control**
- **Smooth & quiet**

The **U3\_P1 Remote Head** is designed for Sony P1 and similar cameras with broadcast lenses where the lowest frontal profile remote head is needed. Suitable for POV cameras and commentary positions, for example, where small, discrete adjustments are required.

Although not for fast moves, like the **Proteân**, it moves smoothly and quietly and drives **broadcast lenses**.

It also has built-in Sony (or other) CCU protocols enabling CCU control via our **Remote Camera Panel Mk3**.

The **U3\_P1** is compatible with all BR Remote control equipment.



## Mechanical

The majority of the unit is machined from high grade aluminium with deep milled pocketing to give a rigid and strong chassis. The motors and moving mechanics have been proven over many years to give trouble free operation.

Slipping clutches are fitted to both axes to protect the motors and gearboxes. Unlike many competitors, these clutches prevent damage whilst rigging and during operation. It can be mounted either way up.

## Pre-Set Positions

Up to **8 preset positions** can be memorised and re-called. This includes: Pan, Tilt, Zoom and Focus for each preset. These positions, and all the camera settings, are automatically stored into non-volatile memory when set or adjusted. Absolute position sensors are used on the shafts, so it always knows where it is. Even clutch slip when powered down, will not affect the preset positions.

Up to **99** remote heads can be used and individually addressed on a single system.

## Specifications:

<b>Weight:</b>	<b>2.5kg</b>
<b>Data:</b>	<b>RS485</b>
<b>Power:</b>	<b>12-16v @ 1A</b>
<b>Dimensions:</b>	<b>w21cm, h23cm, d10cm (+cam plate)</b>
<b>Max. Cam width:</b>	<b>12.5cm</b>
<b>Max. Payload:</b>	<b>6kg</b>
<b>Pan Range:</b>	<b>300deg.</b>
<b>Tilt Range:</b>	<b>-40 to +30 degrees from horizontal</b>
<b>Speed Range:</b>	<b>&lt;0.05deg/sec - 90deg/sec. (Other speeds on request)</b>
<b>Pre-Set Positions:</b>	<b>10bit (&lt;0.3deg.)</b>
<b>Connections:</b>	<b>XLR4 - Power &amp; RS485 data 2 x 12 pin Hirose – lens control Dsub - CCU control</b>
<b>Operating Temp:</b>	<b>-10 to &gt;+40 deg C° (Out of sunlight)</b>
<b>Options:</b>	<b>Joystick Controllers Remote Camera Panels Radio data links Fibre Converters</b>



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