CamBall 460

4K 50/60p Remote Camera

- **13.5 Megapixel, Super 35 Sensor**
- **4:1 optical zoom (+other options)**
- **Inverted or Upright Mounting**
- **Rugged and Weatherproof**
- **Direct fibre output & control**
- **Genlock and full CCU control**
- **PTZF Preset positions**

A natural development of the **CamBall** series, comes the **CamBall460** from BR Remote. Building on the 13+ year history of the CamBall series it offers the full, simultaneous control of Pan, Tilt, Zoom and Focus, with smooth moves even at the tight end of the lens. Inside the unit is the **ALCM460 4k** camera module and an **Olympus** 4x zoom lens. Of course other lenses can be fitted as well. Slightly larger, with a 200mm ball rather than the original 150mm allows for higher quality camera and optics.

Environmental Protection

The **CamBall460** is fully weatherproof to **IP65** (or better) and can withstand extended periods in all types of weather and conditions. Internal fans direct thewarm air form the camera module onto the front glass to assist with preventing lens fogging in cold conditions. A safety bond point is fitted to the base of the unit.

Mechanical

Carbon Fibre over a fully machined chassis gives huge strength and durability. The motors and moving mechanics have been proven over many years from the original **CamBall** to give trouble free operation.

Slipping clutches are fitted on 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.

Combined optical and electrical slip rings are offered as an option.

Pictures

The **ALCM460** camera inside is switchable between **HD** and **4K** offering a 'buy now - switch later' approach. . Both 50fps and 60fps frame rates are supported. All camera CCU functions can be controlled via our **Remote Camera Panel Mk3**.

The Quad 3G output from the camera is multiplexed, using industry standard wavelengths, onto a single fibre ST connection on the base. A second ST fibre connection carries the control and genlock from the Base Station.

For the full camera specification se the **ALCM460** data sheet.

Ancillary Options

Numerous options are available from the **BR-Remote** product range. SMPTE cable adaptors, control systems and panels, radio control and much more. The **CamBall460** integrates seamlessly with any **BR-Remote** system and operates in a very familiar way.

RD-11 Radio Data Control

SMPTE Cable Interface

Multi Function Controller

Remote Camera Panel