

4k 50p/60p Remote Camera



- **Very small footprint**
- **13.5 Megapixel, Super 35 sensor**
- **50p, & 59.94p outputs**
- **Direct fibre output - 20km range**
- **On-board SD card recording**
- **Full HD recording Up to 240fps**
- **Simultaneous HSDI output**
- **Quad 3G output from Base Station**
- **Micro 4/3 active lens interface**
- **Settable Scan Sizes for different lenses**
- **Full RCP Control & Genlock**

The **AL-CM460** uses the outstanding AltaSens **Super 35** sensor. The camera has been specifically developed for remote operation with many features already built-in, particularly, the direct fibre output from the back of the camera. This obviates the need for fibre converters just to get the pictures further than the few metres possible with cable.

The back of the camera has all the connectors needed for remote operation and none that you don't - including an HSDI output for local monitoring. All are mounted at an angle to minimise the increase in length when the plugs are connected.





The custom **Base Station** delivers the Quad 3G signals up to 20km from the camera itself with the option of sending genlock and control up a 2nd fibre or using an SMPTE hybrid cable with power to the camera at closer ranges.

The lens interface is **Micro Four Thirds (MFT)** however the sensor size is larger, at **Super 35**. Adaptors are available to use **B4, EF or PL** mount lenses or directly attach an MFT lens for great value and availability. Zoom, Iris and Focus can be remotely controlled via the electrical MFT interface on the camera.

Four, user selectable, scan sizes enable the sensor scan area to be adjusted to match individual lenses. This still enables full 4K as the sensor has more pixels than the 8.3Mpix necessary for 4K.

A range of dedicated equipment has been developed for the **AL-CM460** including the **U3_4K** PTZ head and also a Remote Camera Interface which interfaces the camera to fibres and cables and control data. Various Remote Control Panels and Joystick Controllers are available which can control up to 4, 8 or 99 cameras on a system.



Other options include SMPTE hybrid cable adaptors, Protocol Converters, Radio Data control etc.

Specifications

- Power:** 29w @ 12v
- Dimensions:** W88mm, H108mm, D125mm
- Weight:** 0.85kg

- Sensor:** Super 35, CMOS, 13.5 Megapixel, (4512 x 3008) 5.2µm x 5.2µm,
- Sig. Noise:** 56dB @ F8 (2,000lux, 400%, 60p)
- 4k Frame Rates:** 50p or 59.94p

- Inputs:** Power (Hirose 4), Data (TTL), Genlock (tri-level) (Dsub 9)
- Outputs:** HD or 4K Quad 3G (ST Fibre), HDSDI (BNC)

- Recording:** SD Card, 150Mbps, H.264
Up to 240fps in Full HD mode

- Operational:** 0 to +40degC ambient

- Options:**
 - Base Station
 - Remote Camera Panels
 - U3_4K Remote Pan & Tilt Head
 - MFT servo zoom lenses
 - SMPTE Hybrid cable adaptors
 - Joystick Controllers
 - Radio Data Control

Remote Camera Panel



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