

Q-Ball

- **HD/SD Pan & Tilt Camera System**
- **HD 720p/1080i 50/59.94hz**
- **SD 625/50 525/59.94hz**
- **Aspect Ratio 16 x 9 & 4 x 3**
- **Built in 10 x Optical Zoom Lens**
- **“Nightwatch” Infra-Red (optional)**
- **Wide-Angle Lens Adapter (optional)**
- **1/3” 2mpixel CMOS Camera Sensor**
- **4 Embedded Audio Channels**
- **Fully Weatherproof**
- **Upright or Inverted**
- **Ultra Small Sphere (115mm/4.5in)**
- **Full Pan & Tilt Sliprings**
- **Master Black & Colour Saturation Control**



The 'Q-Ball' is Camera Corps' latest HD/SD Pan and Tilt camera system combining both appearance and performance in the smallest system currently available.

Based around the well proven Sony HD camera block, Camera Corps have added exclusive additional features to make this system the most comprehensive HD/SD Minicam system available today.

The 'Q-Ball' incorporates a built in 10x zoom optical lens and smooth accelerating pan/tilt motors in a sturdy fully weatherproof aluminum sphere with a diameter of 115 mm/4.5in.

The addition of up to four embedded audio channels

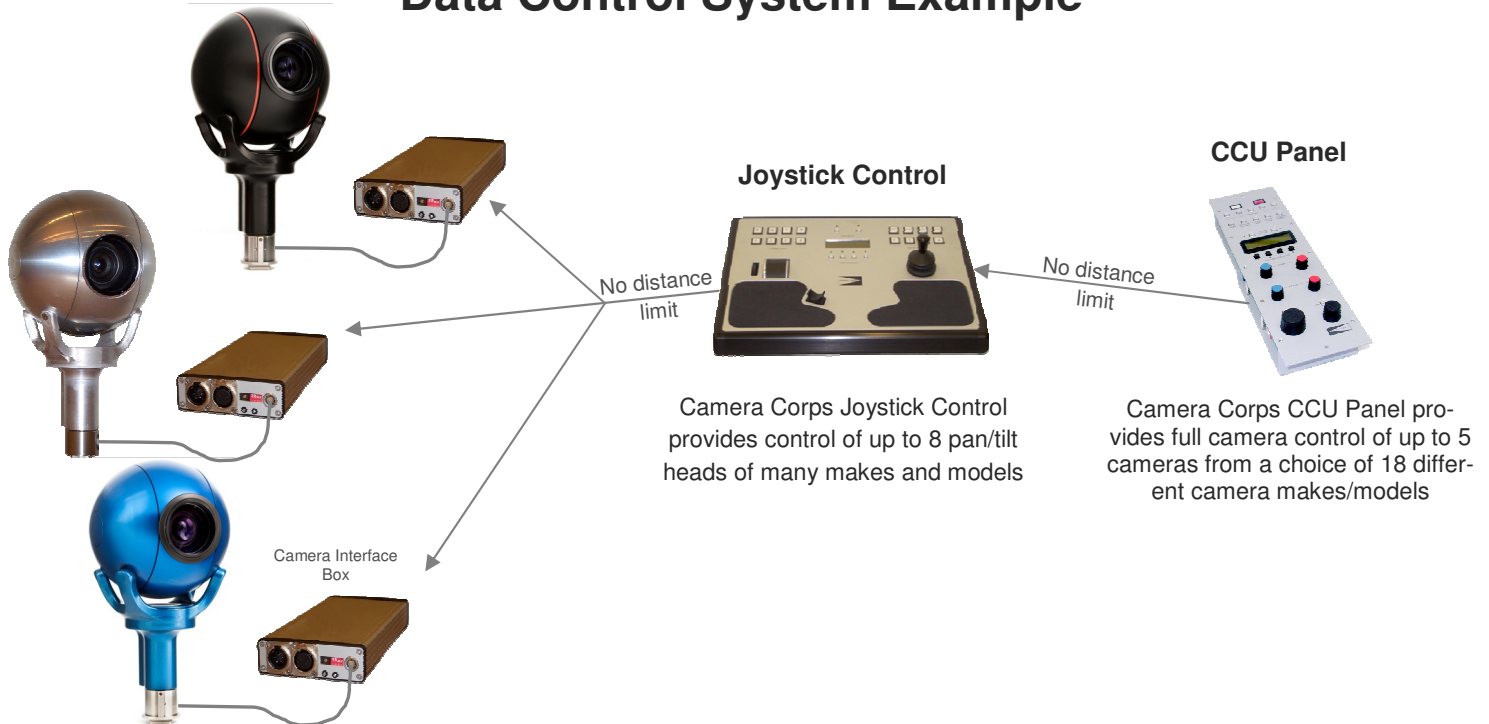
allows stereo effects mics to be incorporated in to any set up. Master Black level and Colour Saturation control allows much better colour matching of this popular Sony camera with other HD/SD cameras, important in all situations where camera types are “mixed”.

Optional extra features include infra-red capability and a wide angle lens adapter

The 'Q-Ball' is fully compatible with all Camera Corps existing control systems including Camera Corps Joystick Control and of course our CCU Panel.

Multi-control capabilities are catered for by using Camera Corps 72 camera control system.

Data Control System Example



Q-Ball - Custom Colours to special order



Camera/Interface Specifications

Camera sensor	1/3" 2mpixel CMOS
Lens	10 x zoom - 5.1mm - 51mm 5.1° - 51° angle of view
W/A adapter	7.1° - 71° angle of view
HD formats	720p/1080i 50/59.94hz
SD formats	625/50 (PAL) and 525/59.94hz (NTSC) 16x9 or 4x3
Signal to noise	>50db
Shutter speed	1/2 to 1/1000sec
Minimum illum	ICR off mode: 12 lux @ F1.8 ICR on mode : 1 lux (typical)
Focus system	Manual or Auto
Outputs	3 x SD/HD-SDI
Audio	4 channel balanced audio embedded channels

Pan & Tilt Specifications

Overall diameter	11.5cm/4.5in
Height	21cm/8.25in
Weight	1.3kg/2.8lb
Max pan/tilt speed	360° - 4 sec
Min pan/tilt speed	360° - 30 min
Sliprings	Full pan & tilt sliprings
Power supply	9v - 18v DC 4 watts
Cable	5.5mm multicore
Cable length	5m, 10m, 20m
Connector	Lemo 7 pin
Control system	Camera Corps audio data control system