



# CUSTOM CAMERAS LTD

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## TECHNICAL DATA

### PERFORMANCE

|                                              |                                                                                                                                                                                                                                                                            |
|----------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>VIDEO SIGNAL:</b>                         | PAL, 625 lines or NTSC, 525 lines<br>1V composite to CCIR standard<br>Black level clamp, variable gamma correction, aperture correction                                                                                                                                    |
| <b>SIGNAL/NOISE RATIO:</b>                   | >40dB (Un-weighted)                                                                                                                                                                                                                                                        |
| <b>RESOLUTION:</b>                           | Up to 700 TV lines (Centre)                                                                                                                                                                                                                                                |
| <b>SENSITIVITY:</b><br>(TUBE TYPE DEPENDANT) | >20 lux - Full picture quality with an F1.4 lens - Chalnicon/Newvicon<br>>2 lux - At the limit of Automatic Gain Control - Chalnicon/Newvicon<br>>200 lux - Full picture quality with an F1.4 lens - Vidicon<br>>20 lux - At the limit of Automatic Gain Control - Vidicon |
| <b>OPTICAL INTERFACE:</b>                    | Internal 9mm motorised lens<br>Internal 8-24mm motorised zoom lens<br>Internal 22-90mm motorised zoom lens and 2x extender                                                                                                                                                 |

### ENVIRONMENTAL

|                               |                                                         |
|-------------------------------|---------------------------------------------------------|
| <b>OPERATING TEMPERATURE:</b> | 0 to +50°C (short term up to 60°C)                      |
| <b>RADIATION TOLERANCE:</b>   | Total dose 1MGy (Gamma), Dose rate 10kGy/Hour           |
| <b>INGRESS PROTECTION:</b>    | IP65 or IP68, 50 metres (Depending on housing supplied) |

### DIMENSIONS AND WEIGHT

|                                         |                                                                                                                                                         |
|-----------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>CAMERA:</b><br>(EXCLUDING CONNECTOR) | Ø41.5mm x 288mm Long, 9mm - Weight 0.98Kg<br>Ø41.5mm x 288mm Long, 3:1 zoom - Weight 1.17Kg<br>Ø44mm x 332mm Long, 4:1 zoom+2x Extender - Weight 1.50Kg |
| <b>CONTROL UNIT:</b>                    | 2U 19" Rack mount, 280mmD<br>Desk mount case, 430mmW x 260mmD x 120mmH<br>Portable Peli™ Storm case, 600mmW x 450mmD x 350mmH                           |

### INTERCONNECTION

|                         |                                                                                                                                               |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
| <b>CAMERA:</b>          | Standard connector: 19 pole Sealed Lemo                                                                                                       |
| <b>CONTROL UNIT:</b>    | Lemo 26 pole self-latching connector<br>2x Independent composite video outputs (75 Ohm BNC socket)<br>RJ45 PELCO Control Interface (Optional) |
| <b>INTERFACE CABLE:</b> | Miniature multi twisted pairs, radiation tolerant - Approx. 8.5mm diameter                                                                    |

### SUPPLIES

|                      |                                |
|----------------------|--------------------------------|
| <b>CONTROL UNIT:</b> | Mains 100V/115V/230V - 50/60Hz |
|----------------------|--------------------------------|

WE RESERVE THE RIGHT TO CHANGE THE ABOVE DATA WITHOUT NOTICE



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