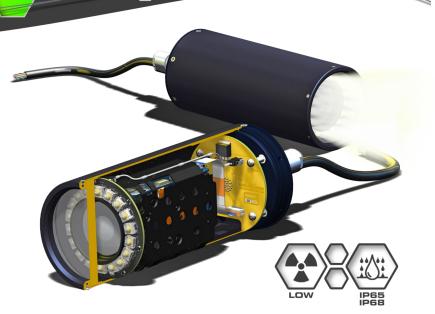
# **FEATURES**

- Very Rugged Construction: Aluminium or hermetically sealed Stainless Steel case.
- Integral 30x Optical Zoom.
- Automatic White Balance setting.
- High Sensitivity.
- No Lag Or Image Burn-In.
- HD 1080p or 720p Video At 25/30fps.
- Perfect Positional Geometry.
- Optional internal LED lighting.



## **DESCRIPTION**

The ICD200 model range, are feature rich, solid-state colour television cameras of extremely compact dimensions.

Based upon a high quality 1/3" CMOS sensor, and boasting a 2.1M active pixel area, they provide a maximum resolution of 1920 x 1080p (Full HD) at either 25 or 30 fps. A High-Definition and Standard-Definition output is provided simultaneously, with the latter able to deliver 700TVL.

Housed in either a rugged Stainless Steel or anodised Aluminium case, the camera includes a 30X optical zoom lens, and incorporates Auto or Manual Focus which is selectable at the Camera Control Unit. An additional 32X of digital zoom is also available, with some image degradation at the maximum setting.

Electrical interfacing is provided by a high pressure sealed LEMO connector and a custom designed cable incorporating everything required for seamless camera functionality, and superb-quality image delivery. When fitted to our compatible PT550 & PT700 pan and tilt units, all connections are looped through the unit to provide full operation with no possibility of entanglement.

As a solid-state device, the camera has certain desirable characteristics, including resistance to blooming, no image lag, excellent sensitivity, perfect positional geometry, immunity from magnetic interference, and thanks to Digital Image Stabilisation technology, is virtually vibration resistant. These features and more, make the camera ideally suited to many industrial and control applications.

The associated Camera Control Unit incorporates push buttons for a wide range of lens functions including; Auto/Manual Focus, Auto/Manual Iris, Auto/Manual Gain, optical Zoom, and Digital Zoom. The following picture enhancements and transformations are also available; Horizontal & Vertical Inversion, Back Light Compensation, Image Freeze, and Image Stabilisation.

HDMI & Composite video outputs are provided, depending on the type of accompanying Camera Control Unit. The more advanced Control Units offer highly portable and rugged Peli™ Storm case form factors, with integrated high-resolution displays, and built in HD recording to on-board storage, with USB export options available.



### TECHNICAL DATA

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VIDEO SIGNAL: AHD High-Definition video, 1920 x 1080 or 1280 x 720 resolution.

25 or 30fps

Simultaneous Standard-Definition video, 720 x 576 or 720 x 480 resolution.

25 or 30fps

Progressive scan, Internal sync.

**SENSOR:** 1/3" Sensor, 2.1M active pixel area (2.4M actual)

**OPTICS:** 30x Zoom, Auto Focus, Auto Iris, Auto Day/Night switching.

Focal length: 4.3 mm ~ 129.0 mm

Aperture ratio: F1.6 (Wide) ~ F4.7 (Tele)

WHITE BALANCE: Automatic.

**SPECIAL FUNCTIONS:** Hor. & Ver. Image inversion, Image freeze, Back light compensation, Digital

image stabilisation.

**LIGHTING:** Optional internal LED array ~ 175 lux @ 1M

#### **ENVIRONMENTAL**

**OPERATING TEMPERATURE:** -10 to +50°C

**RADIATION TOLERANCE:** Total dose 100Gy (Gamma), Dose rate 1Gy/Hour

**INGRESS PROTECTION:** IP65 or IP68, 50 metres (Depending on housing supplied)

### **DIMENSIONS AND WEIGHT**

**CAMERA:** Ø76mm x approximately 182mm long (Excluding connector)

**CONTROL UNIT:** 2U rack mount 280mm depth, Desk mount case, or

600L x 450W x 350D Portable Peli™ Storm case

#### INTERCONNECTION

CAMERA: High pressure sealed Lemo connector

### **SUPPLIES**

**CAMERA:** 9 ~ 15V DC @ approximately 500mA (Provided by Control Unit)

CONTROL UNIT: Mains 230V 50Hz or 115V 50-60Hz

WE RESERVE THE RIGHT TO CHANGE THE ABOVE DATA WITHOUT NOTICE

