

Intensified Cameras

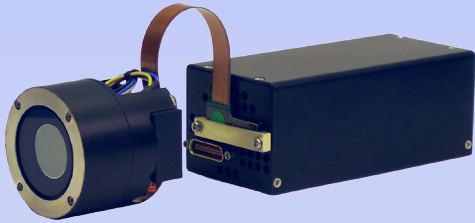
Intensified Camera Data

The DVS MICCD camera provides high resolution monochrome images from Starlight to full Sunlight, **no change over mechanism, no fuss.**

Designed and manufactured in the United Kingdom, built to defence standard requirements; incorporating a GMS system, providing the optimum image in all light conditions.

Micro ICCD

Operation range:
Starlight to Sunlight



Camera Details:

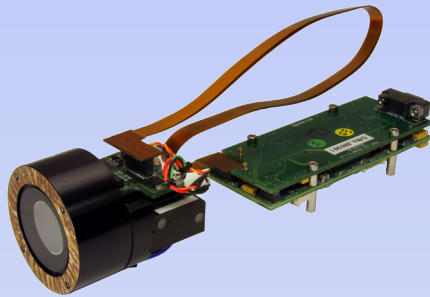
- Power: 4W nominal
- Input Voltage: 12-32Vdc
- Mass: <500 grams
- Video: CCIR or EIA
- Lens Fitting: C-mount
(Custom fittings on request)
- Lens drive: Video auto iris drive
- Temperature Range
Operating: -30° to +55°C
- Storage: -40° to +70°C
- Operation: Automatic – plug and play
- Manual – control of
 - * Intensifier Gating
 - * Intensifier Gain level
 - * Camera Gain
 - * Black Level
 - * Gamma Toggle
 - * Integration

Options.

Fast gating available providing up to 30kHz repetition

Mini ICCD

Operation range:
Starlight to Sunlight



Camera Details:

- Power: <3W.
- Input Voltage: 12Vdc regulated
- Mass: 260 grams
- Video: CCIR or EIA
- Lens Fitting: C-mount
(Custom fittings on request)
- Lens drive: Video auto iris drive
- Temperature Range:
Operating: -30° to +55°C
- Storage: -40° to +70°C
- Operation: Automatic – plug and play
- Manual – control of
 - * Intensifier Gating
 - * Intensifier Gain level
 - * Camera Gain
 - * Black Level
 - * Gamma Toggle
 - * Noise filter
 - * Fixed pattern blemish removal

Options.

Mono body housing

High Resolution ICCD

Operation range:
Starlight to Sunlight



Camera Details:

- Power: 5W nominal
- Input Voltage: 12Vdc regulated
- Mass: <500 grams
- Resolution: 1392 x 1040
- Lens Fitting: C-mount
(Custom fittings on request)
- Output: Progressive scan (digital)
- Temperature Range:
Operating: -30° to +55°C
- Storage: -40° to +70°C
- Operation: Manual
- Manual – control of
 - * Frame Shift Smear Shutter
 - * On-chip gain
 - * Video gain
 - * On-chip integration
 - * Recursive averaging
 - * Sub area controlled in X and Y axis.
 - * On-chip binning from 1 x 1 to 10 x 1024

Note: All image intensified cameras are subject to UK export licence regulation

DVS reserve the right to modify the data outlined without prior notice (E & OE)

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