**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
- 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
- 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
- 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

**Options.**
- Mono body housing

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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)