



The SWIR Fusion Sensor Pack is a dual waveband multi-purpose vision enhancer designed to be mounted externally and connected to a display. Operating modes include SWIR, Thermal, Picture In Picture or Fusion: utilising a combination of the Thermal and SWIR sensors.

Features include:

Operating in 2 or more wavelengths concurrently, provides the user with critical data from each image, and a picture that is more informative and less susceptible to degradation caused by varying atmospherics and ambient temperatures.

SP0210 is configurable via RS-232 and has full manual adjustment of the amount of blend to ensure peak performance for the operator

Options include:

- Colour
- Sensor Types
- Digital or Analogue



Technical Specification:

Input Voltage Range	11-33VDC (MIL-STD-1275 / DEF - STAN -61-05)
Optional Digital Outputs	SD-SDI (SMPTE259M)
Nominal Field Of View	40°
Serial Interface	RS232 (optional CANBus 2.0a/b)
EMI/EMC	Mil-STD-461 / DEF-STAN-59-411
Sensor Type Thermal	Uncooled VOx Microbolometer 320 x 240
SWIR Camera Specification	InGaAs PIN-Photodiode 320 x 256
Pixel Pitch	30µm x 30µm
Spectral Response	0.9µm to 1.7µm