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UV, Visible & NIR LED Solutions

- 1mm UV/Vis/NIR LEDs in single & multi-chip packages
- LED systems – HSI, cure, machine vision & inspection



Silicon Photomultipliers (SiPMs)

Time-of-Flight (ToF) Sensors



Indirect Time-of-Flight 3D Depth Cameras

- 1mm UV/Vis/NIR LEDs in single & multi-chip packages
- LED Systems – HSI, UV cure, machine vision



Indirect Time-of-Flight 3D Depth Cameras

- High power Surface Mount NIR LEDs
- NIR VCSELs – Illumination, Structured Light & ToF



Fibreoptic Instruments & Sources

- Broadband ASE sources, EDFAs, Pulsed FA-MOPA
- Correlation OTDR fibre fault locator



LED, Laser Diode & Detector Solutions

- High power laser diode modules
- Laser diodes, VCSELs, LEDs, photodiodes & PIN-TIAs



Liquid Crystal Optical Components

- Fast Optical Shutters & Variable Neutral Density Filter
- Fast Polarisation Modulators & Variable Polarisation Rotators



XUV-MIR Detectors - Silicon, InGaAs & Lead-Salt (PbS/PbSe)

UV-MIR Light Sources - Visible & NIR LEDs, Thermal IR Emitters



Spectrometers 180nm – 2500nm

- Ultra-compact and highly configurable
- High resolution models for Raman, OCT etc.



Singlemode Laser Diodes

- DFBs (1030 – 1240nm) & FP (640-940nm)
- Single Frequency Modules – 532nm, 561nm & 594nm
- Quantum Dot Lasers – 1310nm 155Mbps & 1300nm high temperature



Multimode Laser Diodes

- 405nm – 1940nm freespace & fibre-coupled



Fibre-Coupled Benchtop LED Instruments

- 275 – 940nm, High CRI Warm/Cool-White & Broadband (300-1100nm)



High Power Laser Diodes, SOAs and Reflective SOAs

- DFBs & External Cavity Lasers, 1310nm & 1550nm
- Semiconductor Optical Amplifiers & RSOAs, 1280-1595nm
- Multimode FP 1310-1940nm & 1550nm Triple Junction



Ultraviolet Light Emitting Diodes

- 255nm – 420nm
- Surface mount & TO-style packages



UVC Light Emitting Diodes

- 230nm, 235nm & 255nm
- Surface mount & TO-style packages



Multichannel Data Acquisition Systems for SiPMs, PMTs & APD Arrays

- Charge integrating DAQs, photon counting systems & interface boards