DField-NIR Series InGaAs Linear Array Detectors, 850–2200 nm Coverage

Model DField-NIR Series · waveqvanta.com/products/dfield-nir-series-ingaas-linear-array-detectors

InGaAs linear array detectors for multichannel near-infrared spectroscopy between 850 and 2200 nm.

The DField-NIR series are InGaAs linear array detectors for near-infrared spectroscopy. They combine a large dynamic range with low noise and a wide spectral response, with wavelength coverage reaching 850–2200 nm.



Key features

- InGaAs linear array sensor for multichannel NIR detection
- Wavelength coverage up to 850–2200 nm
- Large dynamic range
- Low noise

Specifications

Detector Type	InGaAs linear array
Wavelength Coverage	Up to 850–2200 nm

Typical applications

- Near-infrared spectroscopy on imaging spectrographs
- NIR photoluminescence measurements
- NIR absorption and transmission measurements
- Multichannel NIR spectral acquisition