

## Hamamatsu Photonics Introduces Versatile Mid-Infrared Detector Module

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Hamamatsu Photonics is pleased to announce the launch of the C17212-011, a RoHS-compliant mid-infrared detector module equipped with a built-in preamplifier. This compact and user-friendly module is designed to operate at room temperature and offers enhanced performance for a variety of applications.

The C17212-011 features advanced back-illuminated InAsSb photodetectors specifically engineered to minimize temperature crosstalk. Users can customize the module with different sensors to achieve wavelength sensitivity in the 5  $\mu\text{m}$ , 8  $\mu\text{m}$ , or 10  $\mu\text{m}$  bands, tailoring the device to meet specific application requirements.

With a fast response rate of 10 MHz, the C17212-011 is particularly well-suited for high-speed gas analysis, FTIR spectrometry, and CO<sub>2</sub> laser monitoring.

Hamamatsu Photonics invites custom device requests to accommodate customer requirements.

Find out more about the C17212-011 [mid-infrared detector](#) and its customization options or [contact us](#) to discuss further.

