



Applications

- Gas Detection and Analysis
- IR Thermal Imaging&Thermal Sensing
- IR Thermography, Night Vision Camera

Introduction

LASERTEC'S SWIR, MWIR and LWIR bandpass filters are designed to optimize detection of spectral emission lines. These filters are deposited using energetic sputtering, which makes them very hard and durable.

The resulting filters also have exceptionally high transmittance levels and blocking from the visible to the LWIR. Lasertec has off-the-shelf band pass filters for many of the wavelengths commonly used for gas detection.

Available gas lines include: H₂O, CH₄, CO₂, CO, N₂O, O₃

