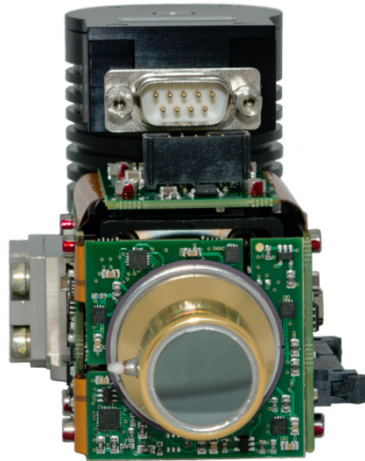


IRnova640-1055-HS IDCA

NEW RELEASE



FEATURES

- QWIP based – Inherently Stable
- New High Sensitivity Optical configuration
- SF6 optimized
- 640 x 512 resolution with 15 μm pixel pitch
- Cooler, cooler control and proximity electronics included

TYPICAL IMAGING PARAMETERS

Spectral response	~ 10.3 μm – 10.6 μm	SF6 Optimized (Also including Ammonia, Ethylene etc.)
F-number	F# 1.2	High Sensitivity configuration
Temporal NETD	~15 mK	
Spatial NETD	~ 8 mK	
Operability	~ 99.9%	
Frame rate	30 Hz	Selectable framerate supported (maximum 60 Hz)

MODULE PARAMETERS

Cooler type	Integrated rotary Stirling	
Power consumption	8 W	Steady state
Cool down time	7 min	
Supply voltage	12 V	
Electrical Interfaces	LVDS and I ² C	
Weight	550 g	

**Please feel free to discuss your specific gas detection needs and requirements with us.
Customized products available upon request.**