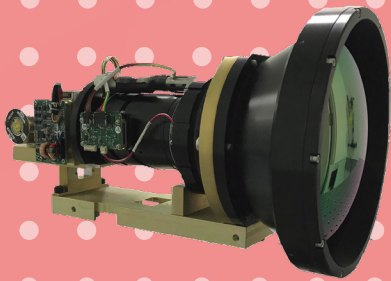




LYNRED USA



# MiTIE™ Plus

HD/XGA/VGA Miniature Thermal Imaging Engines

THE **MiTIE PLUS** INFRARED CAMERA CORE PROVIDES **INTEGRATION AND FLEXIBILITY** AT ITS **HIGHEST LEVEL.**



**FULL LENS CONTROL**



**ADVANCED ELECTRONICS**



**ENHANCED IMAGE PROCESSING**

# “THE MiTIE PLUS INFRARED CAMERA CORE PROVIDES INTEGRATION AND FLEXIBILITY AT ITS HIGHEST LEVEL.”

	MiTIE PLUS SCORPIO MW	MiTIE PLUS LEO MW	MiTIE PLUS DAPHNIS HD	MiTIE PLUS DAPHNIS XGA
<b>Format</b>	640 x 512	640 x 512	1280 x 720	1024 x 768
<b>Pitch</b>	15µm	15µm	10µm	10µm
<b>Detector Material</b>	MCT	MCT	MCT	MCT
<b>Spectral Response</b>	3.7 µm – 4.8 µm	3.7 µm – 4.8 µm	3.7 µm – 4.8 µm	3.7 µm – 4.8 µm
<b>NETD</b>	18mK (@ 50% WF)	20mK (@ 50% WF)	20mK (@ 70% WF)	20mK (@ 70% WF)
<b>Frame Rate</b>	Up to 120 Hz full frame rate	Up to 60 Hz full frame rate	Up to 60 Hz full frame rate	Up to 60 Hz full frame rate
<b>Digital Output</b>	HDSDI			
<b>Analog Output</b>	Dual NTSC or PAL output			
<b>Notch Filter Option</b>			* ✓	* ✓

\*(CO2 notch filter available for improved performance contrast and +5% to +10% range increase)

Multiple lens options available; please contact LYNRED USA for specific application requirements

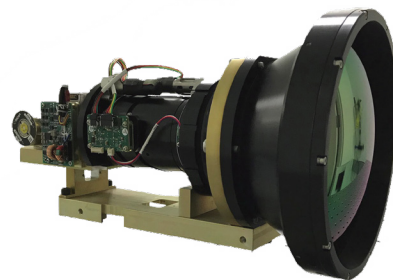
ENHANCED IMAGE PROCESSING	
BAD PIXEL REPLACEMENT	DE-NOISING OF VIDEO
NON UNIFORMITY CORRECTION	DIGITAL PAN, ZOOM, TILT, & ROTATION
AUTOMATIC GAIN AND LEVEL CONTROL	IMAGE ROTATE
LOCAL AREA PROCESSING	STABILIZATION AND ROLL CONTROL
SMOOTHING FILTER	IP ENCODING BASE WITH STREAMING
EDGE ENHANCEMENT	RECORDING/SNAPSHOT VIDEO RECORDING
CONTRAST LIMITED ADAPTIVE HISTOGRAM EQUALIZATION (CLAHE)	TURBULENCE MITIGATION



**LONG LIFE COOLER**



**EXTENDED WARRANTY PACKAGES AVAILABLE**



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