

Z-LEO5.5-615-20-275-V02

Product Technical Specification

Model	Z-LEO5.5-615-20-275-V02
Imaging performance	
Resolution	640×512
Dimensions	15μm
F Number	5.5
Detector material	MCT
Within the range of waves	3.7μm~4.8μm
NETD of detectors	mk@25°C≤23
Refrigeration mode	Stirling Refrigeration
Refrigeration time	min@25°C<7
Function	
Frame frequency	30HZ(digital video)
Integral Time	Manual adjustable
Electronic amplification	×2、 ×4
Brightness/contrast	Manual/automatic
Image Algorithm	Non-uniformity correction, image filtering detail enhancement, blind element correction, black/white heat, digital noise reduction
Mirror image	Horizontal, vertical, diagonal
Camera	mm-275mm 20
Focus	Continuous zoom
Range of views	°x21.7°x1.6°x21.7°°x21.7°27
Scope of focus	5 m to infinity in clear image
Stability of optical axis	≤10 pixels
Repeat accuracy of light axis with small field of view	≤3 pixels
Alignment accuracy of lens optical axis and detector video center	≤2 pixels
Auto-focusing Full Time	≤3.5 seconds

Full time doubling time	≤8 seconds
Distortion	≤4%
Power protection	Over-voltage, over-current, under-voltage, back-connection protection
Environmental adaptability	
Working temperature	-40°C ~ +60°C
Storage temperature	-45°C ~ +70°C
Impact	30 g,11ms Semi-sinusoidal distribution
Vibration	6 g,5min, Triaxial triaxial
Humidity	5~95% non-condensation
Physical characteristics	
Core size	
Weight	
Interface	
Input voltage	DC 24V~32 V
Power consumption	≤12 W@25°C
Video output	PAL/LVDS
Communication interface	RS422