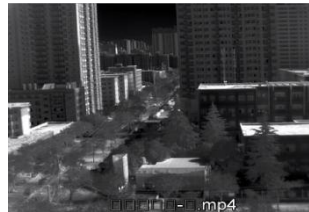
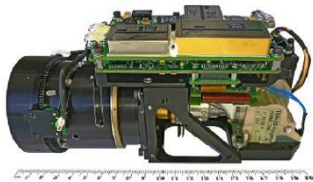


## L6-300 (xr) thermal module MWIR Cooled Zoom Thermal Camera



L6-300 (xr) thermal module using cooled IR MWIR FPA sensor, NETD is 35mk, functions have: Video output: SDI, Camlink and analog (NTSC), Dead pixel calibration, Long distance detection, Small dimension, light weight, Digital image enhancing function, Single and Two point NUC calibration.

Application: can be applied types of optoelectronic load, guidance, photoelectric alarm, night vision and other thermal imaging special applications.



### L6-300 (xr) thermal module **Cooled Dual Thermal Imaging Camera Technical Specification:**

Technical Specification	
Sensor	String cooled IR FPA
Material	HgCdTe
Pixel Size	15 $\mu$ m $\times$ 15 $\mu$ m
Wavelength	3 ~ 5 $\mu$ m
Pixel	640 $\times$ 512
NETD	$\leq$ 35mk
Cooling Down Time	$\leq$ 8min
Frame rate	30Hz
F #	F5.5
IFOV	$\leq$ 0.1mrad
Weight	$\leq$ 0.8kg

Focal length	Long focal: 300mm; short focal: 30mm
FOV	Wide field of view: 18.33 $^{\circ}$ $\times$ 14.67 $^{\circ}$ ; Narrow field of view: 1.83 $^{\circ}$ $\times$ 1.47 $^{\circ}$
MRTD	$\leq$ 0.4K(6.67cyc/mrad)
Switching time	$\leq$ 8s, Under -20 $^{\circ}$ C, $\leq$ 10s
Power Consumption	$\leq$ 20w
Power supply	28v
Interface	RS-422
plug-in	J30J-15ZKW
Video output	SDI, Camlink and analog(NTSC)
Video Output	Digital and Analog output
Polarity	Black heat /white heat
Electric zoom	2x
Image transformation model	Image, Inverted image transform