

MYK – Bx/A/IR 640

	Detector performance
Packaging type	Ceramic-packaged detector
Resolution	640 × 512
Pixel pitch	12μm
Spectral response band	8 μm~14μm
Typical NETD	≤30mK@25°C
	Image processing
Frame rate	25Hz
Start-up time (power-on)	≤11s
Image display modes	2 modes (white-hot / black-hot)
Image algorithms	NUC/3DNR/DNS/DDE
Electronic zoom	1.0 – 4.0× continuous (step 0.1)
Image mirroring	Left/Right, Up/Down, Center
Crosshair (reticle)	Show / Hide / Move
	Electrical characteristics
Video / image output	CVBS+USB
Communication interfaces	USB/UART
Operating voltage range	DC3.9~5.5V (typ.DC5V)
Typical power consumption	≤1.2W
	Physical characteristics
Dimensions (mm)	27mmx32mmx42.8mm(including lens)
Weight (g)	≤ 60 g (including lens and extension board)
	Environmental specifications
Operating temperature	-40°C~+60°C
Storage temperature	-45°C~+65°C
	Optical characteristics
Optional lens	Fixed focal (9.1 mm)