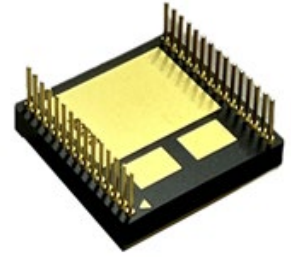


# YFL6120A & YFL6120B

640×512 12 μm UNCOOLED IR DETECTOR



PARAMETER		SPECIFICATION	
MODEL NO.		YFL6120A	YFL 6120B
Pixel Pitch		12μm x 12μm	
Resolution		640 x 512	
ARRAY		LWIR	
DETECTOR CHARACTER	NETD	<40mk	<40mk
	Power consumption in operation	<130Mw@50Hz	<130Mw@50Hz
	Chip Carrier Size (mm)	20X20	18X18
Packaging	Type	30 PIN PGA	30 PIN PGA
	Weight	< 6g	< 4g

Operability	Full Active Area	>99.8%	
	Dead Line	0	
	Dead Column	0	
	Area A (160x120)	2C5*	
	Area B (640x480)	3x3 Clusters* & No cluster> 13	
Circular Optical Artifacts non uniformity specification	Local Responsivity Variation	<0.5% @F/1	

### Digital mode

Model No.	YFL6120A	YFL 6120B
Control Interface	4 Ports 16bit	4 Ports 16bit
Frame Rate	Up to 60 Hz	
Operating Temperature	-40°C to +85°C	

### Environment

Model No.	YFL6120A	YFL6120B
Storage Temperature	-50°C to +90°C	
Qualification Tests	MIL-STD-883H MIL-STD-810G	