

SPECIFICATION

LWIR Sensor Module with LVDS interface		Qty: 5 Nos
Sl. No	Parameter	Typical Specifications
1.	Detector	Uncooled micro-bolometer array
2.	Spectral Response	LWIR (8 – 14 μm)
3.	Camera Resolution	1280 (H) \times 1024 (V)
4.	Pixel Pitch	12 μm
5.	Frame Rate	30 fps
6.	Output Interface type	LVDS (Open LDI) Interface
7.	Output interface Connector	Micro-D Connector 31 pins
8.	Time to Image	<3 seconds
9.	Control interface	Serial (UART)
10.	Input voltage	5.0V
11	Power Dissipation	< 2 W
12	Mech. Dimensions (Typical)	38 mm x 38 mm x 18.7 mm
13.	Lens Mount	M34
LVDS data acquisition board		Qty: 2 Nos
1.	Sensor module interface	Micro-D Connector 31 pins
2.	PC interface	Ethernet & USB.
3.	Supported platforms	Linux, Windows
4.	Software & User Interface	GUI with live video out and configuration options
Common Specifications		
1	Warranty	1 year
2	Delivery	Within 10 Weeks after release of order
3	Documents	Spec compliance & test results, User manual, Application notes.