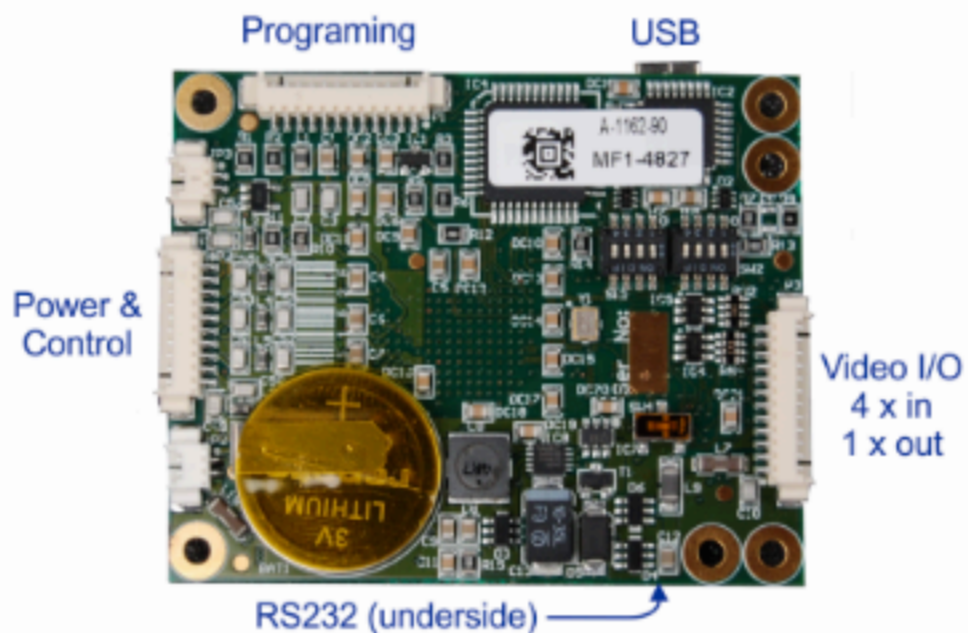


# Video quad / picture-in-picture PCBs

## Small and low power video quad PCBs for OEMs

Ovation's range of standard and high definition video quad and picture-in-picture products are available as PCBs for integration. This format is ideal for applications where size and power consumption and programmability are key considerations such as bomb disposal robots and battery operated surveillance systems.



Full details of all the mechanical and electrical interfaces are provided together with CAD models and control protocols.

Example documentation:

[micro-FourSight PCB dimensions](#)

[micro-FourSight interfaces](#)

PCB are available for the following products:

[micro-FourSight](#)

[FourSight-DVI](#)

Due to continual product development Ovation Systems reserve the right to change specifications without notice. E&OE.

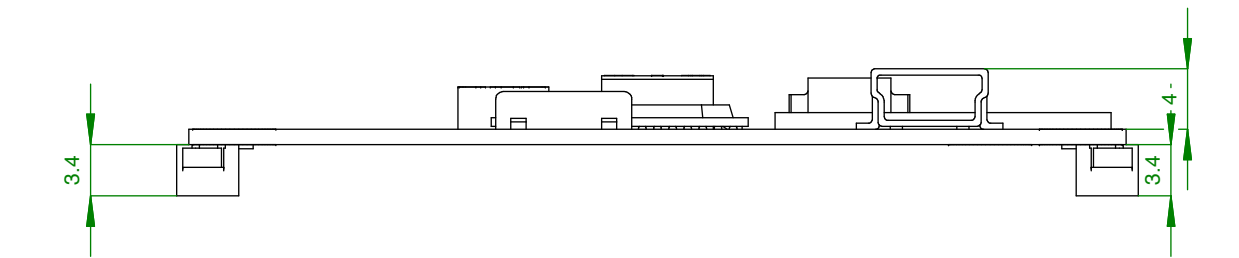
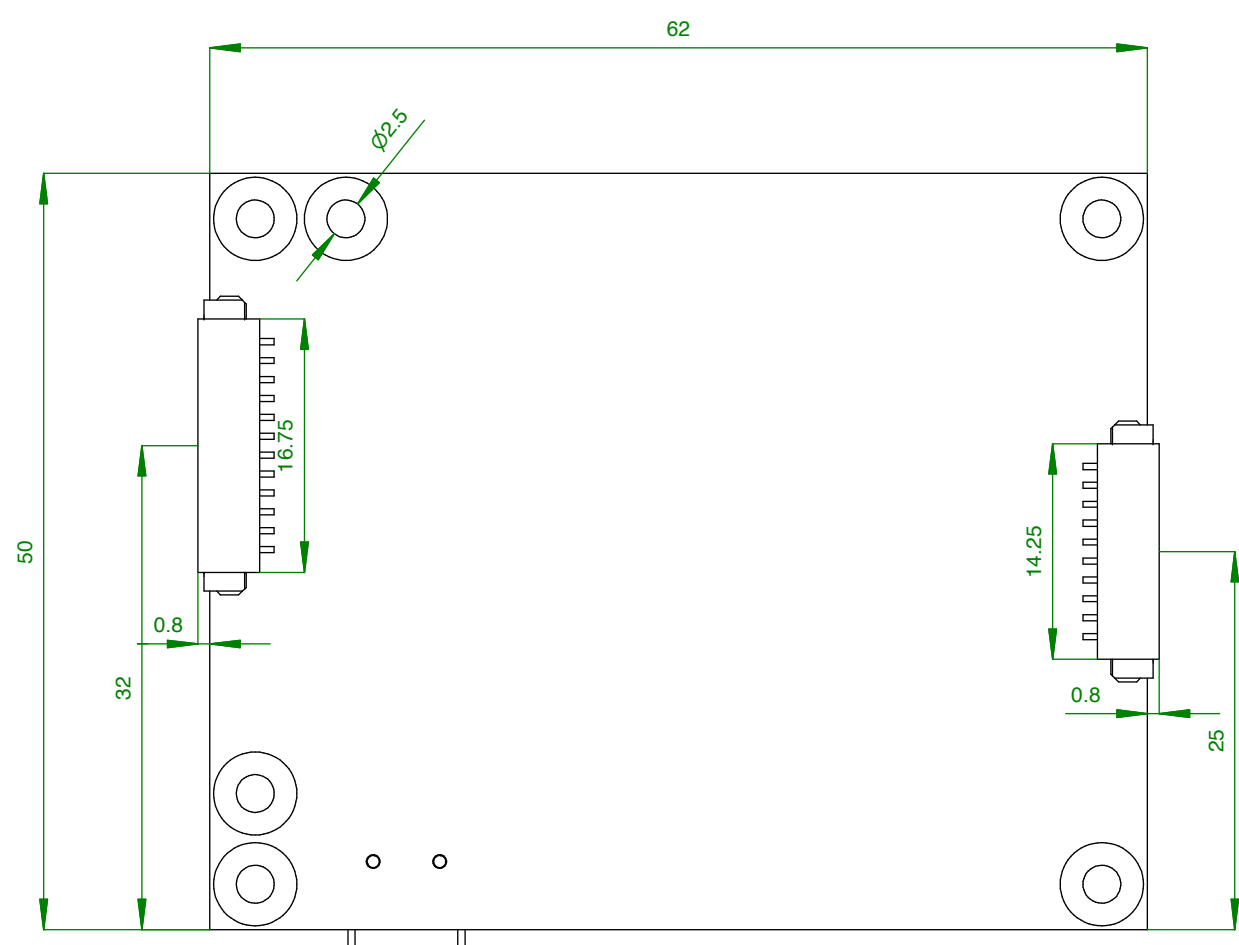
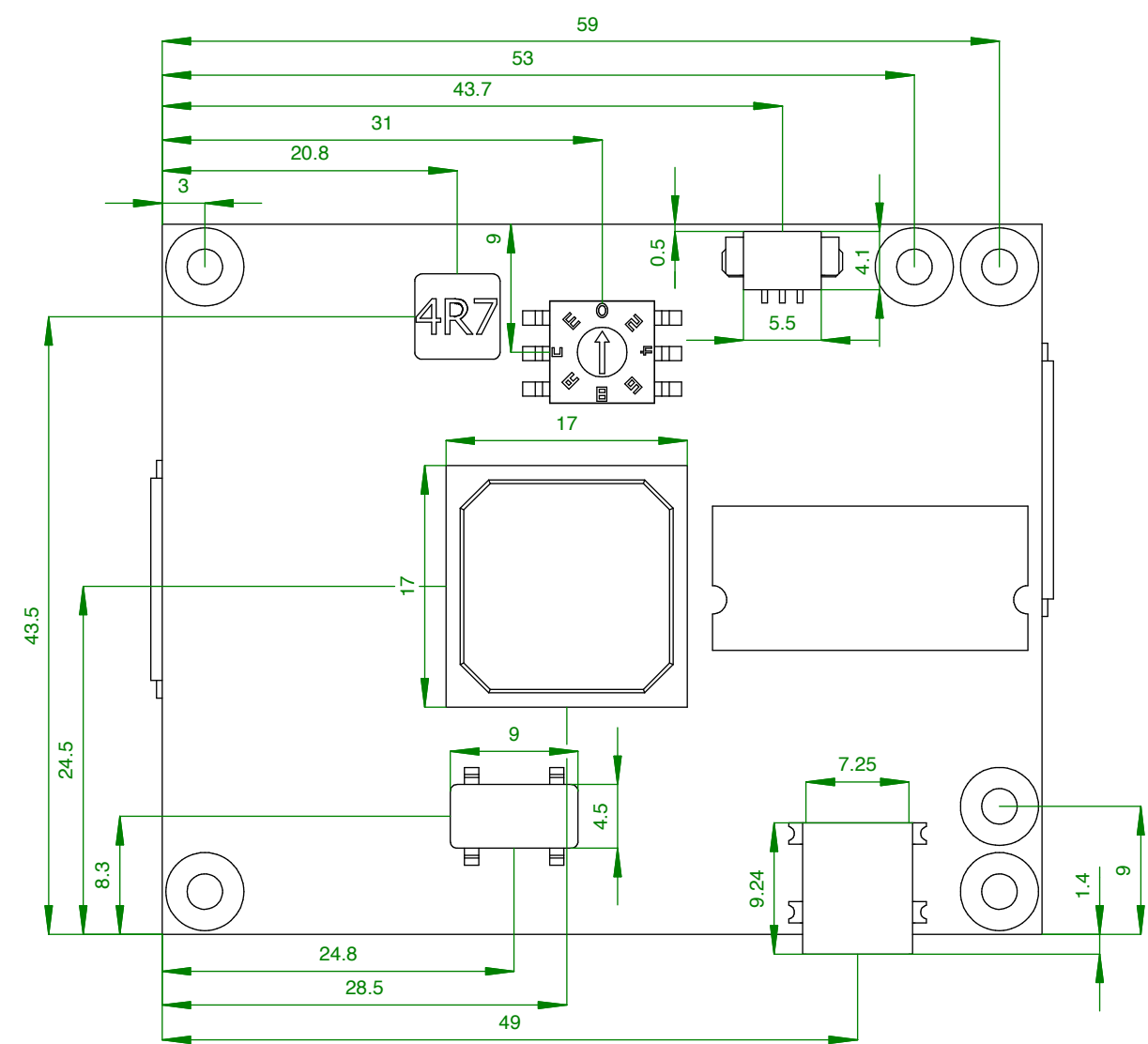
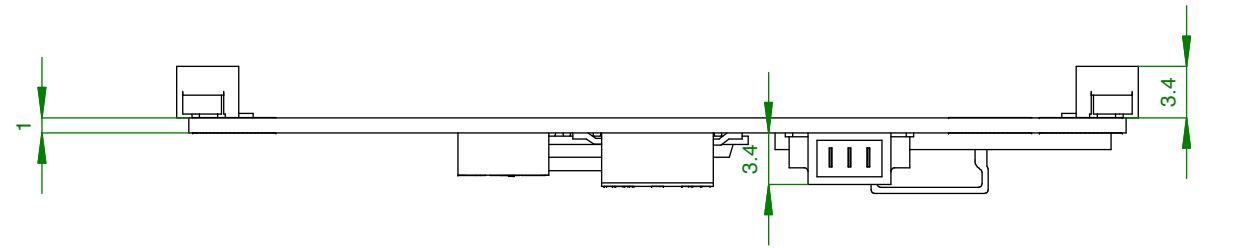
For more information please contact:



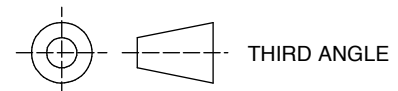
**BOCK OPTRONICS INC.**  
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Toronto, Ontario M9W 6M6

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[sales@bockoptronics.ca](mailto:sales@bockoptronics.ca)  
[www.bockoptronics.ca](http://www.bockoptronics.ca)

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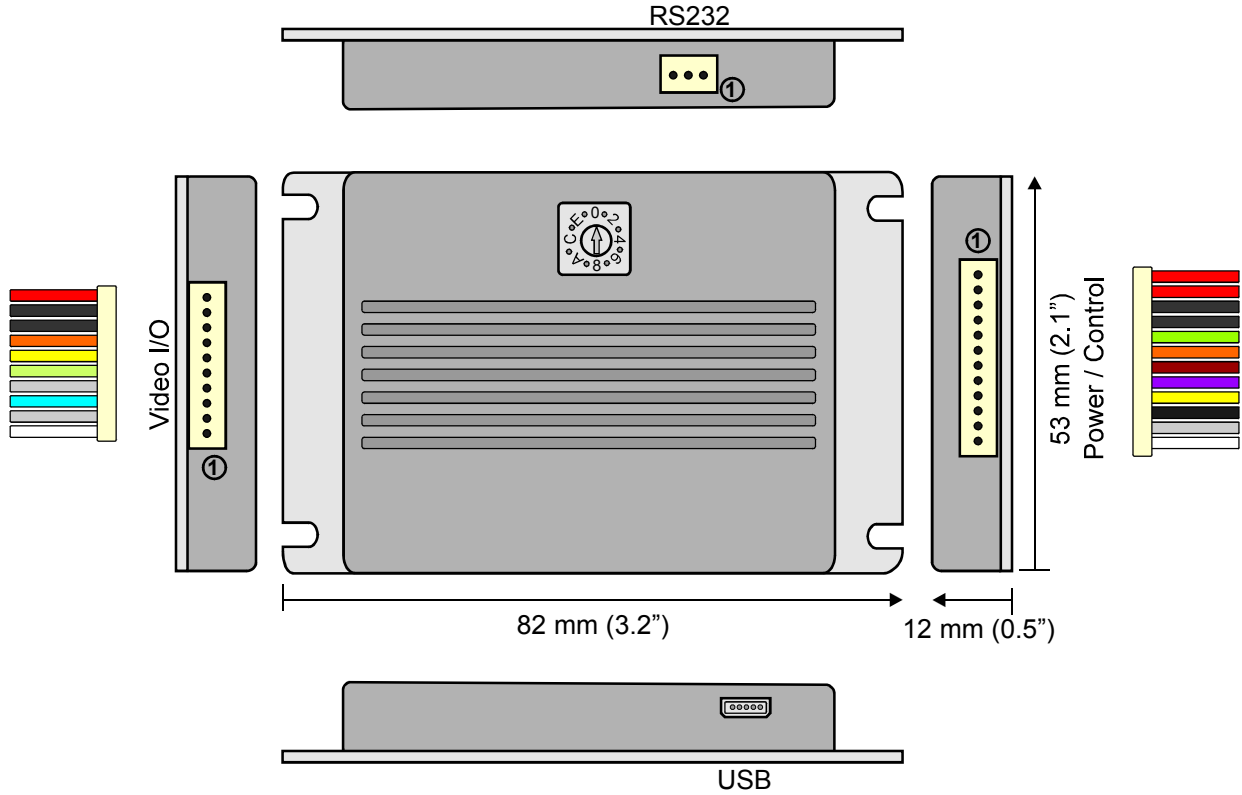


**DIMENSIONS OF MOST SIGNIFICANT COMPONENTS**



		PROJECT	MATERIAL:	<b>OVATION SYSTEMS LTD</b> Springfield Barn London Road, Milton Common Oxon OX9 2JY UNITED KINGDOM TEL: 01844 279638 FAX: 01844 279071
		Q.A	FINISH:	
		MECHANICAL	SCALE (ORIGINAL):	
		ELECTRICAL	DIMENSIONS IN MM DO NOT SCALE	
		CHECKED	TOLERANCES:	DRAWING TITLE: <b>micro-FOURSIGHT PCB LAYOUT</b>
		DRAWN	LINEAR +/- 0.05 ANGULAR +0 / -0.05 <small>UNLESS OTHERWISE STATED.</small>	
ECN No	CHECKED			DRAWING NO: <b>OSL-1162-M-040</b>
				REV: <b>F</b> SHEET 1 OF 1 DATE: 03/06/2008

# Micro-FourSight Interfaces



Video I/O	RS232	Power / Control
1 Video Out Gnd	1 TXD	1 DC In 5 to 28 V
2 Video Out	2 GND	2 DC In 5 to 28 V
3 Video Gnd-4	3 RXD	3 Gnd
4 Video In-4		4 Gnd
5 Video Gnd-3		5 Red LED
6 Video In-3		6 Green LED
7 Video Gnd-2		7 Switch or HEX Select
8 Video In-2		8 Switch Common
9 Video Gnd-1		9 Switch 4 or Hex bit 3
10 Video In-1		10 Switch 3 or Hex bit 2
		11 Switch 2 or Hex bit 1
		12 Switch 1 or Hex bit 0

Connector Type: 1.25mm SIL header, Mates with Molex 51021 series

