

Subsystem ▶	MCT	VCT	Deployable Baffle	Periscope Baffle	XY	Temperature	Miscellaneous
▼ Type ▼ total channels							
ADC 38	<u>12</u> 6: Micro-E Signals 3: Kaman Position Sensors 3: Test position inputs	<u>12</u> 3: Kaman Position Sensors 3: Kistler Load Cells 3: Follower Sensors 3: Feed-forward inputs	<u>6</u> 2: Encoder A 2: Encoder B 2: Encoder C		<u>4</u> 2: X Position 2: Y Position	<u>4</u> 2: CEM Sensor 2: SEM Sensor	
DAC 6	<u>3</u> 3: Mirror actuators	<u>3</u> 3: RM actuators					
Digital Input 14	<u>1</u> 1: External Sync	<u>2</u> 1: DECS Bin Hold 1: DECS Bin Clock	<u>6</u> 2: +/- Limit A 2: +/- Limit B 2: +/- Limit C	<u>2</u> 2: +/- Limit	<u>1</u> 1: Index Sensor		<u>2</u> 1: Actuator Power Status 1: Control Status
Digital Output 35	<u>11</u> <u>3 Offloader Motors</u> 1: Clock 3: Enable 3: Direction 1: Guide gate 1: Internal Sync. 1: DECS Hold 1: DECS Clock	<u>7</u> <u>3 Follower Motors</u> 1: Clock 3: Enable 3: Direction	<u>7</u> <u>3 Motors</u> 1: Clock 3: Enable 3: Direction	<u>3</u> <u>1 Motor</u> 1: Clock 1: Enable 1: Direction	<u>5</u> <u>2 Motors</u> 1: Clock 2: Enable 2: Direction		<u>2</u> 1: Actuator Power Control to Relay 1: Central Periscope Brake

Total boards: 1 Hytec 9010 IOC has 6 IP slots

3 – 8413 ADC (16 channels each); 1 – 8402 DAC (16 Channels); 2 – 8506 DIO (48 channels each)