

• Selection Guide

Analog I/O Modules (Parallel Bus)					Table 5-2-3	
Models	I-8014W	I-8017HW	I-8017DW	I-8017HCW	I-8024W	I-8024DW
Pictures	NEW		NEW	NEW		Available soon
Analog Input						
Channels	8/16	8/16				
Wiring	Differential/ Single-ended	Differential/ Single-ended				
Range	±10 V _{DC} , ±5 V _{DC} , ±2.5 V _{DC} , ±1.25 V _{DC} -20 ~ +20 mA (Requires Optional External 125 Ω Resistor)	±10 V _{DC} , ±5 V _{DC} , ±2.5 V _{DC} , ±1.25 V _{DC} ±20 mA (Requires Optional External 125 Ω Resistor)	±10 V _{DC} , ±5 V _{DC} , ±2.5 V _{DC} , ±1.25 V _{DC} ±20 mA (Jumper Select)			
Resolution	16-bit	14-bit				
Accuracy	0.05% of FSR	±0.1% of FSR				
Sampling Rate	Single Channel Polling Mode: 250 k S/s	Single Channel Polling Mode: 100 k S/s Single Channel Interrupt Mode: 50 k S/s 8 channel Scan Mode : 16 k S/s				
Input Impedance	20 k, 200 k, 20 M (Jumper Select)	20 k, 200 k, 20 M (Jumper Select)				
Overvoltage Protection	-45 ~ +60 V _{DC}	±35 V _{DC}				
Analog Output						
Channels			4			
Range			±10 V _{DC} , 0 ~ +20 mA			
Resolution			14-bit			
Accuracy			±0.1% of FSR for voltage output ; ±0.2% of FSR for current output			
Throughput			External +24 V _{DC} @ 1050 Ω			
Output Capacity			20 mA @ 10 V _{DC}			
Power on Value			-			
Safe Value			-			
System						
Watchdog	-	-			-	
Isolation	2500 V _{rms}	2500 V _{rms}			3000 V _{DC}	
Power Consumption	2.5 W	2 W			2 W	
Connector	Terminal Block	Terminal Block	D-Sub 37	Terminal Block	Terminal Block	D-Sub 37
Optional Accessories	-	-	DN-37-381-A	-	-	DN-37-381-A
 I/O module with DN-37-381-A						