

## AZ Controller Tag Mappings

Integer (INT) Format			
Input		Output	
Module Controller Tags	Input (driver to scanner)	Module Controller Tags	Output (scanner to driver)
●(Module name): I.Data[0]	Remote I/O (R-OUT)	●(Module name): O.Data[0]	Remote I/O (R-IN)
(Module name): I.Data[0].0	R-OUT0	(Module name): O.Data[0].0	R-IN0
(Module name): I.Data[0].1	R-OUT1	(Module name): O.Data[0].1	R-IN1
(Module name): I.Data[0].2	R-OUT2	(Module name): O.Data[0].2	R-IN2
(Module name): I.Data[0].3	R-OUT3	(Module name): O.Data[0].3	R-IN3
(Module name): I.Data[0].4	R-OUT4	(Module name): O.Data[0].4	R-IN4
(Module name): I.Data[0].5	R-OUT5	(Module name): O.Data[0].5	R-IN5
(Module name): I.Data[0].6	R-OUT6	(Module name): O.Data[0].6	R-IN6
(Module name): I.Data[0].7	R-OUT7	(Module name): O.Data[0].7	R-IN7
(Module name): I.Data[0].8	R-OUT8	(Module name): O.Data[0].8	R-IN8
(Module name): I.Data[0].9	R-OUT9	(Module name): O.Data[0].9	R-IN9
(Module name): I.Data[0].10	R-OUT10	(Module name): O.Data[0].10	R-IN10
(Module name): I.Data[0].11	R-OUT11	(Module name): O.Data[0].11	R-IN11
(Module name): I.Data[0].12	R-OUT12	(Module name): O.Data[0].12	R-IN12
(Module name): I.Data[0].13	R-OUT13	(Module name): O.Data[0].13	R-IN13
(Module name): I.Data[0].14	R-OUT14	(Module name): O.Data[0].14	R-IN14
(Module name): I.Data[0].15	R-OUT15	(Module name): O.Data[0].15	R-IN15
●(Module name): I.Data[1]	Operation data number selection_R	●(Module name): O.Data[1]	Operation data number selection
(Module name): I.Data[1].0	M0_R	(Module name): O.Data[1].0	M0
(Module name): I.Data[1].1	M1_R	(Module name): O.Data[1].1	M1
(Module name): I.Data[1].2	M2_R	(Module name): O.Data[1].2	M2
(Module name): I.Data[1].3	M3_R	(Module name): O.Data[1].3	M3
(Module name): I.Data[1].4	M4_R	(Module name): O.Data[1].4	M4
(Module name): I.Data[1].5	M5_R	(Module name): O.Data[1].5	M5
(Module name): I.Data[1].6	M6_R	(Module name): O.Data[1].6	M6
(Module name): I.Data[1].7	M7_R	(Module name): O.Data[1].7	M7
(Module name): I.Data[1].8	Reserved	(Module name): O.Data[1].8	Reserved
(Module name): I.Data[1].9	Reserved	(Module name): O.Data[1].9	Reserved
(Module name): I.Data[1].10	Reserved	(Module name): O.Data[1].10	Reserved
(Module name): I.Data[1].11	Reserved	(Module name): O.Data[1].11	Reserved
(Module name): I.Data[1].12	Reserved	(Module name): O.Data[1].12	Reserved
(Module name): I.Data[1].13	Reserved	(Module name): O.Data[1].13	Reserved
(Module name): I.Data[1].14	Reserved	(Module name): O.Data[1].14	Reserved
(Module name): I.Data[1].15	Reserved	(Module name): O.Data[1].15	Reserved

## AZ Controller Tag Mappings

Integer (INT) Format			
Input		Output	
Module Controller Tags	Input (driver to scanner)	Module Controller Tags	Output (scanner to driver)
●(Module name): I.Data[2]	Fixed I/O (OUT)	●(Module name): O.Data[2]	Fixed I/O (IN)
(Module name): I.Data[2].0	SEQ-BSY	(Module name): O.Data[2].0	FW-JOG
(Module name): I.Data[2].1	MOVE	(Module name): O.Data[2].1	RV-JOG
(Module name): I.Data[2].2	IN-POS	(Module name): O.Data[2].2	Reserved
(Module name): I.Data[2].3	START_R	(Module name): O.Data[2].3	START
(Module name): I.Data[2].4	HOME-END	(Module name): O.Data[2].4	ZHOME
(Module name): I.Data[2].5	READY	(Module name): O.Data[2].5	STOP
(Module name): I.Data[2].6	DCMD-RDY	(Module name): O.Data[2].6	FREE
(Module name): I.Data[2].7	ALM-A	(Module name): O.Data[2].7	ALM-RST
(Module name): I.Data[2].8	TRIG_R	(Module name): O.Data[2].8	TRIG
(Module name): I.Data[2].9	TRIG-MODE_R	(Module name): O.Data[2].9	TRIG-MODE
(Module name): I.Data[2].10	SET-ERR	(Module name): O.Data[2].10	ETO-CLR
(Module name): I.Data[2].11	EXE-ERR	(Module name): O.Data[2].11	Reserved
(Module name): I.Data[2].12	DCMD-FULL	(Module name): O.Data[2].12	FW-JOG-P
(Module name): I.Data[2].13	STOP_R	(Module name): O.Data[2].13	RV-JOG-P
(Module name): I.Data[2].14	ETO-MON	(Module name): O.Data[2].14	FW-POS
(Module name): I.Data[2].15	TLC	(Module name): O.Data[2].15	RV-POS
●(Module name): I.Data[3]	Present Alarm	●(Module name): O.Data[3]	Direct data operation operation type
●(Module name): I.Data[4]	Feedback position (lower)	●(Module name): O.Data[4]	Direct data operation position (lower)
●(Module name): I.Data[5]	Feedback position (upper)	●(Module name): O.Data[5]	Direct data operation position (upper)
●(Module name): I.Data[6]	Feedback speed [Hz] (lower)	●(Module name): O.Data[6]	Direct data operation operating speed (lower)
●(Module name): I.Data[7]	Feedback speed [Hz] (upper)	●(Module name): O.Data[7]	Direct data operation operating speed (upper)
●(Module name): I.Data[8]	Command position (lower)	●(Module name): O.Data[8]	Direct data operation starting/changing rate (lower)
●(Module name): I.Data[9]	Command position (upper)	●(Module name): O.Data[9]	Direct data operation starting/changing rate (upper)
●(Module name): I.Data[10]	Torque monitor	●(Module name): O.Data[10]	Direct data operation stopping deceleration (lower)
●(Module name): I.Data[11]	CST operating current	●(Module name): O.Data[11]	Direct data operation stopping deceleration (upper)
●(Module name): I.Data[12]	Information (lower)	●(Module name): O.Data[12]	Direct data operation operating current
●(Module name): I.Data[13]	information (upper)	●(Module name): O.Data[13]	Direct data operation forwarding destination
●(Module name): I.Data[14]	Reserved	●(Module name): O.Data[14]	Reserved
●(Module name): I.Data[15]	Read parameter ID_R	●(Module name): O.Data[15]	Read parameter ID

## AZ Controller Tag Mappings

Integer (INT) Format			
Input		Output	
Module Controller Tags	Input (driver to scanner)	Module Controller Tags	Output (scanner to driver)
●(Module name): I.Data[16]	Read/write status	●(Module name): O.Data[16]	Write request
(Module name): I.Data[16].0	Reserved	(Module name): O.Data[16].0	WR-REQ
(Module name): I.Data[16].1	Reserved	(Module name): O.Data[16].1	Reserved
(Module name): I.Data[16].2	Reserved	(Module name): O.Data[16].2	Reserved
(Module name): I.Data[16].3	Reserved	(Module name): O.Data[16].3	Reserved
(Module name): I.Data[16].4	Reserved	(Module name): O.Data[16].4	Reserved
(Module name): I.Data[16].5	Reserved	(Module name): O.Data[16].5	Reserved
(Module name): I.Data[16].6	Reserved	(Module name): O.Data[16].6	Reserved
(Module name): I.Data[16].7	RD-ERR	(Module name): O.Data[16].7	Reserved
(Module name): I.Data[16].8	WR-END	(Module name): O.Data[16].8	Reserved
(Module name): I.Data[16].9	SYS-BSY	(Module name): O.Data[16].9	Reserved
(Module name): I.Data[16].10	Reserved	(Module name): O.Data[16].10	Reserved
(Module name): I.Data[16].11	WR-SET-ERR	(Module name): O.Data[16].11	Reserved
(Module name): I.Data[16].12	WR-IF-ERR	(Module name): O.Data[16].12	Reserved
(Module name): I.Data[16].13	WR-NV-ERR	(Module name): O.Data[16].13	Reserved
(Module name): I.Data[16].14	WR-EXE-ERR	(Module name): O.Data[16].14	Reserved
(Module name): I.Data[16].15	WR-ERR	(Module name): O.Data[16].15	Reserved
●(Module name): I.Data[17]	Write parameter ID_R	●(Module name): O.Data[17]	Write parameter ID
●(Module name): I.Data[18]	Read data (lower)	●(Module name): O.Data[18]	Write data (lower)
●(Module name): I.Data[19]	Read data (upper)	●(Module name): O.Data[19]	Write data (upper)
●(Module name): I.Data[20]	Assignable monitor 0 (lower)		
●(Module name): I.Data[21]	Assignable monitor 0 (upper)		
●(Module name): I.Data[22]	Assignable monitor 1 (lower)		
●(Module name): I.Data[23]	Assignable monitor 1 (upper)		
●(Module name): I.Data[24]	Assignable monitor 2 (lower)		
●(Module name): I.Data[25]	Assignable monitor 2 (upper)		
●(Module name): I.Data[26]	Assignable monitor 3 (lower)		
●(Module name): I.Data[27]	Assignable monitor 3 (upper)		