



# IW-200 & IW-300 CIL COMMANDS: M, O, S, T

	Operation	Syntax	Parameters (Hexadecimal)	Example
<b>M</b> MEMORY	Input binary data to dynamic memory	MIDB	[MemoryBegin:Size]	MIDB 30:101
	Input binary data to static memory	MISB	[MemoryBegin:Size]	MISB 30:101
	Input hex data to dynamic memory	MIDH	[MemoryBegin:Size]	MIDH 30:5
	Input hex data to static memory	MISH	[MemoryBegin:Size]	MISH 30:5
	Output binary data from dynamic memory	MODB	[MemoryBegin:Size]	MODB 0:100
	Output binary data from static memory	MOSB	[MemoryBegin:Size]	MOSB 0:8FFF
	Output hex data from dynamic memory	MODH	[MemoryBegin:Size]	MODH 0:100
	Output hex data from static memory	MOSH	[MemoryBegin:Size]	MOSH 0:800
	Checksum dynamic memory	MSD	[MemoryBegin:Size]	MSD 0:100
	Checksum static memory	MSS	[MemoryBegin:Size]	MSS 0:100
	CRC32 dynamic memory	MCD	[MemoryBegin:Size]	MCD 0:100
	CRC32 static memory	MCS	[MemoryBegin:Size]	MCS 0:100
<b>O</b> OBJECT	Select device	OD	[Manufacturer:Device]	OD ATMEL:AT90S2313
	Select Object	OS	[Device Object]	OS FLASH
	Load dynamic memory	OLD	[MemoryBegin:ObjectBegin:Size]	OLD 5:0:10
	Load static memory	OLS	[MemoryBegin:ObjectBegin:Size]	OLS 5:0:10
	Program dynamic memory	OPD	[MemoryBegin:ObjectBegin:Size]	OPD 0:1F0:800
	Program static memory	OPS	[MemoryBegin:ObjectBegin:Size]	OPS 0:1F0:800
	Verify dynamic memory	OVD	[MemoryBegin:ObjectBegin:Size]	OVD FF:0:2000
	Verify static memory	OVS	[MemoryBegin:ObjectBegin:Size]	OVS FF:0:2000
<b>S</b> SYSTEM	List last error code	SEL		SEL
	List last error code with details	SELD		SELD
	List error history (16 most recent error codes)	SEH		SEH
	List error history with details	SEHD		SEHD
	Clear all errors	SEHC		SEHC
	List last Object error with details (ObjectAddress:ExpectedData:ActualData)	SEOD		SEOD
	Reset ImageWriter	SRST		SRST
	System version	SVER		SVER
	System version with details	SVERD		SVERD
Dump debug information	SINFO		SINFO	
<b>T</b> TERMINAL	Start terminal interface	TM		TM
	Start terminal memory editor	TE		TE



# IW-300 ONLY

## CIL COMMANDS: F, N

	Operation	Syntax	Parameters (Hexadecimal)	Example
<b>FLOW</b>	Run Flow	<b>FRUN</b>	[Flow # 0 - 0xF]	FRUN B
	Stop a currently running Flow	<b>FSTOP</b>	[Network address 0 - 0x1F]	FSTOP 1A
	List Flow information for Flow 0	<b>FINF</b>	[Flow # 0 - 0xF]	FINF 0
	Show last Flow command	<b>FIMS</b>		FIMS
	Show last Flow response	<b>FIMR</b>		FIMR
	Show line number of most recent Flow error	<b>FELN</b>		FELN
	List most recent Flow error code	<b>FEL</b>		FEL
	List most recent Flow error code with details	<b>FELD</b>		FELD
	List last 16 Flow error codes	<b>FEH</b>		FEH
	List last 16 Flow error codes with details	<b>FEHD</b>		FEHD
	Clear all Flow errors	<b>FEHC</b>		FEHC
<b>NETWORK</b>	Reset network	<b>NRST</b>		NRST
	Address all IW-300s in network	<b>NALL</b>		NALL
	Address an individual IW-300 in network	<b>NSEL</b>	[Network address 0 - 0x1F]	NSEL 1C
	Ping for status of IW-300 in network	<b>NPNG</b>	[Network address 0 - 0x1F]	NPNG 1C
	Show last network result	<b>NIMR</b>		NIMR
	Network version	<b>NVER</b>		NVER
	Network version with details	<b>NVERD</b>		NVERD
	List detailed network information	<b>NINFO</b>		NINFO