Motion Engine Serial Command Set	1																							
Version: 5	1													1										
VOIGION: 0	Pkt Code	Data 0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
Program Control	2	<pre><command/></pre>		_	Ů		—	<u> </u>			Ů			12	10		10	10	- ''	10	10			
NOOP		0																						
Start	+	1					_	 						 							 		-	
Pause	+	2					_	 						 					 		 		-	
Stop	1	3					_	1						_					-				-	
Camera Enable	1	4					+	+						<u> </u>					-		-		\rightarrow	
Camera Disable	1	5					+	+						<u> </u>					-		-		\rightarrow	
Move Motor (Simple)		6	0,1 (Dir)		Steps									-					-		-		\rightarrow	
Send Motor Home		7	(ווט) ווט, ווט		Julia	•	T														-		-	
Expose Now		8		Exposure															-				-	
		9	0.4	Exposure	1110			-															\rightarrow	
Motor Sleep			0,1				-												-				\rightarrow	
Motor Max Step Rate		10	Steps/S				-	-															\longrightarrow	
Motor Max Step Speed		11	Steps/S	econa T			-							<u> </u>									\longrightarrow	
NOOP		12					-							<u> </u>									\longrightarrow	
NOOP	1	13		1			+	-		ļ		-	ļ					-	-	-		\vdash		
NOOP	1	14					1	1	-				ļ	-					-	-			\longrightarrow	
Debug LED		15	0,1																					
Stop Motor Now		16	101				1	1															\longrightarrow	
MicroStep Level		17	1, 2, 4, 8, 16											ļ									\longrightarrow	
Timing Master		18	0,1							l			0.4			L					L			
Maria Matan (Oamanlari)		40	0.4 (Dia)		04 (D:-4			04 (D-4)		F-4-1 T		0	31		A I Ti-	0		04 (D = -1)		D I T:	0		.	
Move Motor (Complex)		19 20	0,1 (Dir)	0.4 (T.)	Steps (Dist	ance)	01 (31 (Pad)		Total Trave			(Pad)		Accel Tir			31 (Pad)		Decel Tim		10.1		-0)
Plan Travel			0,1 (Dir)	0,1 (Type)	31 (Pad)		Steps (I	Distance)	Г	31 (Pad)	Total	i iravei (interval of	mS)	31 (Pad)	А	ccei (in	terval or r	nS)	31 (Pad)	Dec	ei (inte	rval or	mS)
Clear Planned Travel		21		<u> </u>	. (0)								ļ	-					-		-	\vdash	-	
Maximum Run Time		22	Max	imum Run T										<u> </u>									\longrightarrow	
Set Stored Device Name		23		_	Name	(1-15 ch	naracters	, All 8-bit A	SCIIC	haracters,	NULL-	Termina	ted, NULL	-Padd	ed)									
Set Common Line for Step Pulsing		24	0,1,2																					
Status Request		100	<status type=""></status>																					
- Firmware Version			1	Byte										ļ										
- Run Status			2	Byte										ļ										
- Run Time mS			3		ULong	3																		
- Camera Enabled			4	Byte																				
- Shot Counter			5		ULong																			
- Interval Tm			6		ULong																			
- Exposure Tm			7		ULong	3	_																	
- Currently Exposing?			8	Byte																				
- Motor Enabled			9	Byte																				
- Motor Dir			10	Byte																				
- Motor Steps Moved			11		ULong	9																		
- Motor Distance from Home			12		Long																			
- NOOP			13																					
- Motor Max Travel Steps			14		ULong	9																		
- NOOP			15																					
- Motor Backlash			16	Byte																				
- Motor Steps ea Interval			17	Ulr	nt																			
- NOOP			18																					
- NOOP			19																					
- NOOP			20																					
- NOOP			21																					
- Timing Master Value			22	Byte																				
- Name			23					String (1	-15 cha	aracters, N	ULL-Te	erminate	d, NULL F	Padded)									
Program Data Set	3	<command/>																						
Camera Data		1																						
- Interval			1		Interval	mS																		
- Exposure Tm			2		Exposure																			
- Focus Tm			3	Focus																				
- Max Shots			4	Cou			1																	
								<u> </u>	<u> </u>	1														

- Exposure Delay		5	Delay	mS											
- Focus w Shutter		6	0, 1												
- Repeat Cycles		7	Count												
Motor Data	2														1
- Steps each Interval		1	Ste	ps											
- NOOP		2													
- Direction		3	0, 1												
- Maximum Travel Steps		4	Steps												
- Motor Enable		5													
- Motor Disable		6													
- Set Home Position Here		7													
- Backlash Amount		8	Steps												1
- Continuous Speed		9	Ste	ps / Secor	nd (Float))									1
- Easing Mode		10	1,2,3												1
- Continuous Mode Enable		11	0, 1												
- Delay Motor Start		12	Delayed Start Time (mS)												