Sync device data packet format

	0	1	2	3	4	Description	Mode	Reply
uint8 **cmd**						**Description**	**Mode**	**Reply**
uint8 **'L'**	uint8 **lasers**	bool **ALEX**				Set Laser shutter states	CS	OK\n
uint8 **'A'**	uint32 **acq_period_us**					Set Acquisition period between frames/bursts	S	OK\n
uint8 **'E'**	uint32 **exp_time_us**					Set laser Exposure time	CS	OK\n
uint8 **'C'**	uint32 **n_frames**					Start Continuous imaging	C	OK\n
uint8 **'D'**	uint32 **shutter_delay_us**					Set shutter Delay	CS	OK\n
uint8 **'I'**	uint32 **cam_readout_us**					Set camera readout Interval	CS	OK\n
uint8 **'S'**	uint32 **n_frames**					Start Stroboscopic imaging	S	OK\n
uint8 **'M'**						Manually open laser shutters	NA	OK\n
uint8 **'Q'**						Stop acquisition (Quit)	CS	OK\n
uint8 **'R'**	uint8 **addr**					Read register	NA	uint8 **value**
uint8 **'W'**	uint8 **addr**	uint8 **value**				Write register	NA	

Legend

Normal font shows data type (uint8, uint16).
Bold font shows member names.
Gray hatched areas are filled with ZERO.
Modes: C - continuous, S - stroboscopic (includes ALEX and timelapse)

Notes

Each data packet is always 5 byte long. If shorter than that, pad it with zeros.
On startup, the system prints *Synchronization device is ready. Firmware version: <x.y.z>\n*
Wrong formatted packets are silently ignored (wrong command or too short data packet).
If a command has wrong argument values, the reply is *ERR\n* (NOT IMPLEMENTED)
Once the data acquisition is completed, the reply is *DONE \n*