

Data store to micro SD

Sensor	Data read rate	Byes	Description
ECG	500 Hz	4	
PPG	100 HZ	2	
Accelerometer	120 Hz	4	
Temperature	1 Hz	2	

Each time prototype starts it creates new file with *.ecg extension. Data stored into file in the flowing packets

Packet Id 0xFA 0xCE	Time stamp (10 ms intervals)	ECG data size (N)	ECG data	PPG data size (N)	PPG data	AXL data size (N)	AXL data	TMP data size (N)	TMP data
4 Bytes	4 Bytes	2Bytes	N Bytes	2 Bytes	N Bytes	2Bytes	N bytes	2 Bytes	N Bytes

Example. Byte array of 2 packets: **0xFA 0xCE 0x00 0x06 0x02 0xEE 0xEE 0x2 0xAA 0xAA 0x4 0xDD 0xDD 0xDD 0xDD 0x02 0xBB 0xBB 0xFA 0xCE 0x00 0x06 0x02 0xEE 0xEE 0x2 0xAA 0xAA 0x4 0xDD 0xDD 0xDD 0xDD 0x02 0xBB 0xBB**