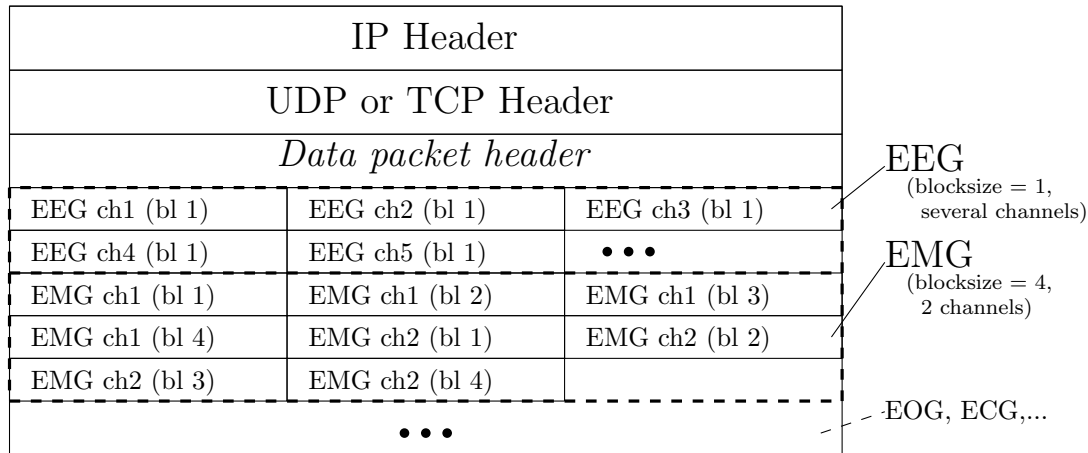# RAW Data Packet Structure:

(with exemplary content)

IP Header		
UDP or TCP Header		
Data packet header		
EEG ch1 (bl 1)	EEG ch2 (bl 1)	EEG ch3 (bl 1)
EEG ch4 (bl 1)	EEG ch5 (bl 1)	• • •
EMG ch1 (bl 1)	EMG ch1 (bl 2)	EMG ch1 (bl 3)
EMG ch1 (bl 4)	EMG ch2 (bl 1)	EMG ch2 (bl 2)
EMG ch2 (bl 3)	EMG ch2 (bl 4)	
• • •		

EEG
(blocksize = 1,
several channels)

EMG
(blocksize = 4,
2 channels)

EOG, ECG,...

Data packet header:

boost::posix_time::ptime
timestamp

uint32 Flags	uint64 SampleNr	uint64 PacketNr	
		data	data	• • •

uint16 [ ] NrValues   uint16 [ ] NrBlocks