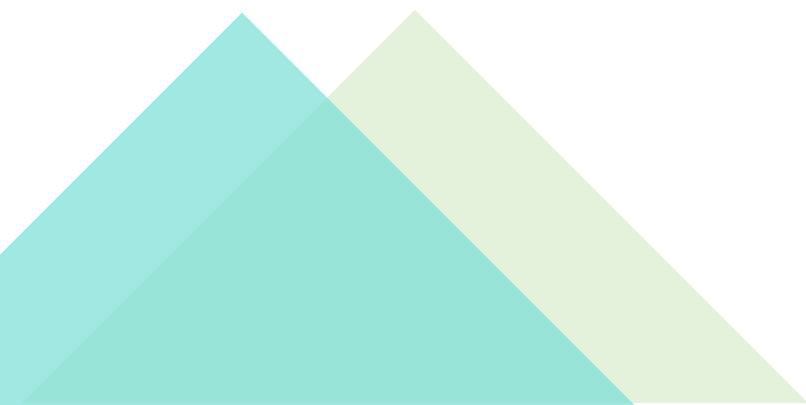




Module13.2 ECG

Data Packet Format



Module ECG Data Transmission Format

Data packet (frame) format

frame consists of 11 bytes:

frame[0]	frame[1]	frame[2]	frame[3]	frame[4]~[7]	frame[8]	frame[9]	frame[10]
0xAA	data_len	raw_data_high8	raw_data_low8	RB	data_valid	ecg_data	0xEF

frame[0]: Packet header, the value is 0xAA

frame[1]: Packet length, here it is half of the actual packet length

frame[2]: Raw data (16 bits), low 8 bits

frame[3]: Raw data (16 bits), high 8 bits

frame[4] ~ [7]: Reserved data bytes

frame[8]: Data validity flag

frame[9]: Heart rate data, unit: beats per minute

frame[10]: Packet tail of data, value is 0xEF