

Request/command:

Byte	Meaning	Fixed
1	Header (1)	55h
2	Header (2)	AAh
3	ACK (Not used for req)	00h
4	Serial number (=CMD)	/
5	Source address	FEh for computer
6	Dest address	/
7	Card device type	00h: send, 01h rx, 02h: function
8	Port address (RJ45 output of sending?)	00h (?)
9	Board address LSB (starts at 0)	/
10	Board address MSB	/
11	Cmd type	00h for read, 01h for write
12	Reserved	00h
13	Unit address [7:0]	/
14	Unit address [15:8]	/
15	Unit address [23:16]	/
16	Unit address [31:24]	/
17	Data length LSB	if CMD type = 01h: length of cmd
18	Data length MSB	if CMD type ==00h: length of read
19	Data	/
xx	Data	/
xx	Data	/
xx	Data	/
x-1	Checksum LSB	/
x	Checksum MSB	/

Acknowledge or data Tx:

Byte	Meaning	Fixed
1	Header (1)	AAh
2	Header (2)	55h
3	ACK (Not used for req)	00 (succes), 01 (timeout), 02/03 (msg check error), 04 (invalid cmd)
4	Serial number (=CMD)	/
5	Source address	FEh for computer
6	Dest address	FEh for computer
7	Card device type	00: send, 01 rx, 02: function
8	Port address (RJ45 output of sending?)	00 (?)
9	Board address LSB (starts at 0)	/
10	Board address MSB	/
11	'code' or Cmd type	00h for read (req data), 01h for write (send data)
12	Reserved	00
13	Unit address [7:0]	/
14	Unit address [15:8]	/
15	Unit address [23:16]	/
16	Unit address [31:24]	/
17	Data length LSB	if CMD type = 01h: length of cmd
18	Data length MSB	if CMD type ==00h: length of read
19	Data	Does not exist if code ([11]) == 01
xx	Data	/
xx	Data	/
xx	Data	/
x-1	Checksum LSB	/

Byte	Meaning	Fixed
x	Checksum MSB	/