

Table 1: General protocol specification

Start Command* [0xFE]	Command type [0x11 – 0x90]	Command value
1 byte	1 byte	4 bytes

Table 2: Protocol description

Command ranges	Command Types	Description
General commands	0x11	Get clothes from particular scanner number
	0x12	Get bin number from particular tag
	0x13	...
	0x14	...

	0x90	...
Reserved commands	0x00	...
	0x01	...

	0x91	...

	0xFE	Start command, definition of protocol. Other protocols can start with other reserved commands (here just idea)
	0xFF	...

Example 1: Get clothes from particular scanner number

Table 3: Command packet (from client to server)

	Protocol type	Command type	Command value
Value	0xFE	0x11	-
Bytes	1	1	4

Table 4: Command packet (from server to client)

	Protocol type	Command type	Number of values	Value	Value	Value
Value	0xFE	0x11	-	-	-	-
Bytes	1	1	4	4	4	..

Example 2: Get bin number from particular tag

Table 5: Command packet (from client to server)

	Protocol type	Command type	Command value
Value	0xFE	0x12	-
Bytes	1	1	4

Table 6: Command packet (from server to client)

	Protocol type	Command type	Value
Value	0xFE	0x12	-
Bytes	1	1	4

*Notes: * Maybe it is not necessary start command*