

**Table 1: General protocol specification**

Start Command [0xFE]	Command type [0x11 – 0x90]	Value
1 byte	1 byte	4 or 24 bytes

**Table 2: Protocol description**

Command ranges	Command Types	Description
General commands	<b>0x11</b>	Get clothes from particular scanner number
	<b>0x12</b>	Get bin number from particular tag
	0x13	...
	0x14	...
	...	...
	<b>0x70</b>	Create new file
	<b>0x71</b>	Flush existing file
	<b>0x72</b>	Remove file
	...	
	<b>0x77</b>	File transferring
	0x90	...
Reserved commands	0x00	...
	0x01	...
	...	...
	0x91	...
	...	...
	<b>0xFE</b>	Start command, definition of protocol. Other protocols can start with other reserved commands (here just idea)
	0xFF	...

## 1. 0x11

**Example 1:** Get clothes from particular scanner number

**Method:** char[]:= getClothes(scannerNumber)

**Table 3: Command packet (from client to server)**

	Protocol type	Command type	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	-	937021100000001A000006A9*	937021100000001A000006A6*	-
Bytes	1	1	4	24	24	..

## 2. 0x12

**Example 2:** Get bin number from particular tag

**Method:** int:=getBin(tagID)

**Table 5: Command packet (from client to server)**

	Protocol type	Command type	Value
Value	0xFE	0x12	937021100000001A000006A9*
Bytes	1	1	24

**Table 6: Command packet (from server to client)**

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

Notes: \* Tag ID format example

### 3. 0x77 - File transferring

#### 3.1. 0x70 - Create new file

	Protocol type	Command type	Command type	Size	Data	Checksum
Bytes	1	1	2	4	1012	4

##### Example

	Protocol type	Command type	Command type	Size	Data	Checksum
Value	0xFE	0x77	0x70	21	Data	-

**Data:** "C:\whereMyNewFile.bmp"

#### 3.2. 0x71 - Flush existing file

	Protocol type	Command type	Command type	Size	Data	Checksum
Bytes	1	1	2	4	1012	4

##### Example

	Protocol type	Command type	Command type	Size	Data	Checksum
Value	0xFE	0x77	0x71	1011	Data	-

#### 3.3. 0x72 - Remove file

	Protocol type	Command type	Command type	Size	Data	Checksum
Bytes	1	1	2	4	1012	4

##### Example

	Protocol type	Command type	Command type	Size	Data	Checksum
Value	0xFE	0x77	0x72	21	Data	-

**Data:** "C:\whereMyNewFile.bmp"