WHAT IS CLAIMED IS:

1. An IC card that executes a command from a processing apparatus, the IC card comprising:

an interface that transmits and receives data to and from the processing apparatus;

a processor that transmits, through the interface, data in a first frame not comprising a start code or an end code upon receiving, through the interface, a first command requesting transmission of data in the first frame; and

a storage unit that stores a flag indicating whether the start code and the end code are necessary or not,

wherein the processor:

sets, in the flag, a value indicating that the start code and the end code are unnecessary upon receiving the first command; and

transmits data in the first frame to the processing apparatus if the value indicating the unnecessity of the start code and the end code is set in the flag,

wherein the first command is a pre-communication command.

2. The IC card according to claim 1, wherein the processor transmits data in a second frame comprising the start code upon receiving a second command requesting the start code through the interface.

3. The IC card according to claim 2, wherein the second frame does not comprise the end code.

4. The IC card according to any one of claims 1 to 3, wherein the first command is in an R-block.

5. The IC card according to any one of claims 1 to 4, wherein:

the start code is an SOF that conforms to ISO/IEC14443; and

the end code is an EOF that conforms to ISO/IEC14443.

6. An IC card that executes a command from a processing apparatus, the IC card comprising:

a module comprising: an interface that transmits and receives data to and from the processing apparatus; a processor that transmits, through the interface, data in a first frame not comprising a start code or an end code upon receiving, through the interface, a first command requesting transmission of data in the first frame; and a storage unit that stores a flag indicating whether the start code and the end code are necessary or not; and

a body incorporating the module,

wherein the processor:

sets, in the flag, a value indicating that the start code and the end code are unnecessary upon receiving the first command; and

transmits data in the first frame to the processing apparatus if the value indicating the unnecessity of the start code and the end code is set in the flag,

wherein the first command is a pre-communication command.

7. A portable electronic device that executes a command from a processing apparatus, the portable electronic device comprising:

an interface that transmits and receives data to and

from the processing apparatus;

a processor that transmits, through the interface, data in a first frame not comprising a start code or an end code upon receiving, through the interface, a first command requesting transmission of data in the first frame; and

a storage unit that stores a flag indicating whether the start code and the end code are necessary or not,

wherein the processor:

sets, in the flag, a value indicating that the start code and the end code are unnecessary upon receiving the first command; and

transmits data in the first frame to the processing apparatus if the value indicating the unnecessity of the start code and the end code is set in the flag,

wherein the first command is a pre-communication command.

8. A program that causes a processor to:

receive a first command requesting transmission of data in a first frame not comprising a start code or an end code, through an interface that transmits and receives data to and from a processing apparatus;

set, in a flag, a value indicating that the start code and the end code are unnecessary upon receiving the first command; and

transmit data in the first frame through the interface if receiving the first command if the value indicating the unnecessity of the start code and the end code is set in the flag,

wherein the first command is a pre-communication command.

9. A processing apparatus that transmits a command to a portable electronic device, the processing apparatus comprising:

an interface that transmits and receives data to and from the portable electronic device; and

a processor that transmits, through the interface, a first command requesting transmission of data in a first frame not comprising a start code or an end code,

wherein the first command makes the portable electronic device set, in a flag, a value indicating that the start code and the end code are unnecessary, and

the first command is a pre-communication command.

10. The processing apparatus according to claim 9,

wherein the processor:

receives data in the first frame through the interface; and

if failing to receive the data, transmits, through the interface, a second command requesting transmission of data in a second frame comprising the start code.

11. The processing apparatus according to claim 10, wherein the second frame does not comprise the end code.

12. The processing apparatus according to any one of claims 9 to 11, wherein the first command is in an R-block.

13. The processing apparatus according to any one of claims 9 to 12, wherein:

the start code is an SOF that conforms to ISO/IEC14443; and

the end code is an EOF that conforms to ISO/IEC14443.

14. A processing system comprising a portable electronic device and a processing apparatus, wherein:

the portable electronic device comprises: a first interface that transmits and receives data to and from the processing apparatus; a first processor that transmits, through the first interface, data in a first frame not comprising a start code or an end code upon receiving, through the first interface, a first command requesting transmission of data in the first frame; and a storage unit that stores a flag indicating whether the start code and the end code are necessary or not, and

the processing apparatus comprises: a second interface that transmits and receives data to and from the portable electronic device; and a second processor that transmits the first command through the second interface,

wherein the processor:

sets, in the flag, a value indicating that the start code and the end code are unnecessary upon receiving the first command; and

transmits data in the first frame to the processing apparatus if the value indicating the unnecessity of the start code and the end code is set in the flag,

wherein the first command is a pre-communication command.