The Claims:

1. A memory card configured to be used in a digital camera having an inbuilt processor incapable of independently exporting digital data externally of the digital camera or independently importing digital data from externally of the digital camera, the memory card comprising:

a wireless transceiver module being operably connected to at least one of:

a central processor, and

a storage module;

and being configured to wirelessly receive the digital data transmitted to the digital camera and to wirelessly transmit the digital data from the digital camera;

the central processor being configured to both send an index image file to the inbuilt processor for display of the index image file on a screen of the digital camera, the image index file comprising a plurality of menu items, each of the plurality of menu items comprising an image, with the plurality of menu items being selectable via controls of the digital camera so that the in-built processor of the digital camera instructs the central processor accordingly, and control at least one of:

the reception of the digital data by the digital camera, and

the transmission of the digital data from the digital camera;

the storage module being operably connected to the central processor and being configured to store at least one of the digital data captured by the digital camera, and the digital data received by the digital camera; and

the memory card is configured to at least one of:

wirelessly transmit the digital data to at least one external device through the wireless transceiver module, and

wirelessly receive the digital data from an external device through the wireless transceiver module;

and wherein both the storage of the digital data and the transmission of the digital data are able to take place substantially in real time.

2. The memory card of claim 1, wherein the central processor is configured to be instructed by the inbuilt processor of the digital camera, to select the digital data

from the storage module, and to control the wireless transmission of the selected digital data to the at least one external device

3. The memory card of either claim 1 or 2, wherein the memory card is configured to detect potential wireless networks to which the memory card can be connected.

4. The memory card of any one of claims 1 to 3, wherein the memory card is configured to detect potential wireless-enabled external devices to which the memory card can send the digital data.

5. The memory card of claim 4, wherein the memory card is configured to send the digital data to one of a plurality of detected wireless-enabled external devices, in accordance with the relative proximity between the digital camera and each of the plurality of detected wireless-enabled external devices.

6. The memory card of any one of claims 1 to 5, wherein the memory card is configured to automatically detect for potential wireless networks in the absence of any wireless-enabled external device.

7. The memory card of any one of claims 1 to 6, further comprising a buzzer configured to notify a user of the status of the digital data transfer from or to the digital camera.

8. The memory card of any one of claims 1 to 7, wherein the central processor is configured to prevent the inbuilt processor of the digital camera from going into a sleep mode.

9. The memory card of any one of claims 1 to 8, wherein the memory card stores at least one direct print order format (DPOF) file.

10. The memory card of claim 9, wherein the at least one DPOF file is an autoprint AUTPRINT.MRK file.

11. The memory card of claim 10, wherein the memory card is configured to perform at least one predefined operation based on a value of a first field in the autoprint AUTPRINT.MRK file.

12. The memory card of claim 11, wherein the first field is 'PRT_QTY'.

13. The memory card of claim 11 or claim 12, wherein the at least one predefined operation is one of:

a wireless transmission of the digital data to a predetermined server or website through the wireless transceiver module; and

a wireless transmission of the digital data to a printer through the wireless transceiver module.

14. The memory card of any one of claims 11 to 13, wherein at least one value of a second field in the autoprint AUTPRINT.MRK file corresponds to the file name of one of the digital data.

15. The memory card of claim 14, wherein the second field is 'IMG_SRC'.

16. The memory card of any one of claims 1 to 15, wherein the storage module is configured to be accessable by the at least one external device, the at least one external device selecting the digital data from the storage module and wirelessly receiving the selected digital data from the memory card through the wireless transceiver module.

17. The memory card of claim 16, wherein the digital data stored in the storage module is accessable by the at least one external device through a web browser.

18. A method for at least one of: exporting digital data from or receiving digital data by a digital camera having an inbuilt processor incapable of independently exporting digital data externally of the digital camera or importing digital data from externally of the digital camera, the method comprising:

using a memory card installed in and operatively connected to the digital camera, the memory card having a central processor, a storage module and a wireless transceiver module;

using controls of the digital camera to control the operation of the memory card;

the central processor of the memory card being for sending an index image file to the digital camera, the index image file comprising a plurality of menu items with each of the menu items comprising an image, and for selecting one of the plurality of menu items via the controls of the digital camera, so that the inbuilt processor of the digital camera accordingly instructs the central processor of the memory card;

the central processor and the storage module being used to store the digital data;

the wireless transceiver module is used for at least one of:

wirelessly receiving the digital data; and

wirelessly transmitting the digital data from the digital camera to the at least one external device;

and wherein both the storage of the digital data and the transmission of the digital data are able to take place substantially in real time.

19. The method of claim 18, further comprising the steps of selecting digital data from the storage module and instructing the central processor to transmit the selected digital data to the least one external device.

20. The method of claim 18 to 19, further comprising the step of the memory card detecting potential wireless networks to which the memory card can be connected.

21. The method of any one of claims 18 to 20, further comprising the step of the memory card detecting potential wireless-enabled external devices to which the memory card can send the digital data.

22. The method of claim 21, further comprising the step of the memory card sending the digital data to one of a plurality of detected wireless-enabled external devices, in accordance with the relative proximity between the digital camera and each of the plurality of detected wireless-enabled external devices.

23. The method of claim 21 or claim 22, wherein the wireless communication between the wireless transceiver module and the plurality of detected wireless-

enabled external devices is based on peer-to-peer protocols and an authentication between wireless transceiver module and the plurality of external devices takes place.

24. The method of claim 23, wherein authentication is by use of a common IP address.

25. The method of any one of claims 18 to 24, further comprising the step of the memory card performing at least one predefined operation based on a value of a first field in at least one direct print order format (DPOF) file stored in the memory card.

26. The method of claim 25, wherein the step of the memory card performing the at least one predefined operation is one of:

wirelessly transmitting the digital data to a predetermined server or website through the wireless transceiver module; and

wirelessly transmitting the digital data to a printer through the wireless transceiver module.

27. The method of claim 25 or claim 26, further comprising the step of the memory card wirelessly transmitting the digital data to the at least one external device, wherein the respective file name of each of the digital data corresponds to at least one value of a second field in the at least one direct print order format (DPOF) file.

28. The method of any one of claims 18 to 27, further comprising the step of the at least one external device accessing the storage module of the memory card to select the digital data and wirelessly receiving the selected digital data from the storage module through the wireless transceiver module.

29. A digital camera having:

an inbuilt processor incapable of independently exporting digital data externally of the digital camera or independently importing digital data from externally of the digital camera; and

the memory card of any one of claims 1 to 17.

Claims

[Claim 1]

A memory card configured to be used in a digital camera having an inbuilt processor incapable of independently exporting digital data externally of the digital camera or independently importing digital data from externally of the digital camera, the memory card comprising:

a wireless transceiver module being operably connected to at least one of:

a central processor, and

a storage module;

and being configured to wirelessly receive the digital data transmitted to the digital camera and to wirelessly transmit the digital data from the digital camera;

the central processor being configured to control at least one of:

the reception of the digital data by the digital camera, and

the transmission of the digital data from the digital camera;

the storage module being operably connected to the central processor and being configured to store at least one of the digital data captured by the digital camera, and the digital data received by the digital camera; and

the memory card is configured to:

wirelessly transmit the digital data captured by the digital camera to at least one external device through the wireless transceiver module, wherein the digital data captured by the digital camera is stored in the storage module substantially at the same time as the digital data captured by the digital camera is being transmitted via the wireless transceiver module to the at least one external device, such that the at least one external device can receive the digital data captured by the digital camera substantially in real time to support live streaming; and

wirelessly receive digital data from another external device through the wireless transceiver module, wherein the storage of that received digital data in the storage module and the display of that received digital data on the digital camera both take place substantially in real time to support live streaming.

[Claim 2]

The memory card of claim 1, wherein the central processor is configured to be instructed by the inbuilt processor of the digital camera, to select the digital data from the storage module, and to control the wireless transmission of the selected digital data to the at least one external device.

[Claim 3]

The memory card of either claim 1 or 2, wherein the memory card is configured to detect potential wireless networks to which the memory card can be connected.

[Claim 4]

The memory card of any one of claims 1 to 3, wherein the memory card is configured to detect potential wireless-enabled external devices to which the memory card can send the digital data.

[Claim 5]

The memory card of claim 4, wherein the memory card is configured to send the digital data to one of a plurality of detected wireless-enabled external devices, in accordance with the relative proximity between the digital camera and each of the plurality of detected wireless-enabled external devices.

[Claim 6]

The memory card of any one of claims 1 to 5, wherein the memory card is configured to automatically detect for potential wireless networks in the absence of any wireless-enabled external device.

[Claim 7]

The memory card of any one of claims 1 to 6, further comprising a buzzer configured to notify a user of the status of the digital data transfer from or to the digital camera.

[Claim 8]

The memory card of any one of claims 1 to 7, wherein the central processor is configured to prevent the inbuilt processor of the digital camera from going into a sleep mode.

[Claim 9]

The memory card of any one of claims 1 to 8, wherein the memory card stores at least one direct print order format (DPOF) file.

[Claim 10]

The memory card of claim 9, wherein the at least one DPOF file is an autoprint AUTPRINT.MRK file.

[Claim 11]

The memory card of claim 10, wherein the memory card is configured to perform at least one predefined operation based on a value of a first field in the autoprint AUTPRINT.MRK file.

[Claim 12]

The memory card of claim 11, wherein the first field is 'PRT_QTY'.

[Claim 13]

The memory card of claim 11 or claim 12, wherein the at least one predefined operation is one of:

a wireless transmission of the digital data to predetermined server or website through the wireless transceiver module; and

a wireless transmission of the digital data to a printer through the wireless transceiver module.

[Claim 14]

The memory card of any one of claims 11 to 13, wherein at least one value of a second field in the autoprint AUTPRINT.MRK file corresponds to the file name of one of the digital data.

[Claim 15]

The memory card of claim 14, wherein the second field is 'IMG_SRC'.

[Claim 16]

The memory card of any one of claims 1 to 15, wherein the storage module is configured to be accessible by the at least one external device, the at least one external device selecting the digital data from the storage module and wirelessly receiving the selected digital data from the memory card through the wireless transceiver module.

[Claim 17]

The memory card of claim 16, wherein the digital data stored in the storage module is accessible by the at least one external device through a web browser.

[Claim 18]

A method for at least one of exporting digital data from, and receiving digital data by, a digital camera having an inbuilt processor incapable of independently exporting digital data externally of the digital camera or importing digital data from externally of the digital camera, the method comprising the steps of:

using a memory card installed in and operatively connected to the digital camera; and

using controls of the digital camera to control the operation of the memory card,

the memory card having a central processor, a storage module and a wireless transceiver module,

the central processor and the storage module being used to store the digital data;

wherein the wireless transceiver module is used for:

wirelessly receiving the digital data, wherein the storage of that received digital data in the storage module and the display of that received digital data on the digital camera both take place substantially in real time to support live streaming; and

wirelessly transmitting the digital data captured by the digital camera to the at least one external device, wherein the digital data captured by the digital camera is stored in the storage module substantially at the same time as the digital data captured by the digital camera is being transmitted via the wireless transceiver module to the at least one external device, such that the at least one external device can receive the digital data captured by the digital camera substantially in real time to support live streaming.

[Claim 19]

The method of claim 18, further comprising the steps of selecting digital data from the storage module and instructing the central processor to transmit the selected digital data to the least one external device.

[Claim 20]

The method of claim 18 or 19, further comprising the step of the memory card detecting potential wireless networks to which the memory card can be connected.

[Claim 21]

The method of any one of claims 18 to 20, further comprising the step of the memory card detecting potential wireless-enabled external devices to which the memory card can send the digital data.

[Claim 22]

The method of claim 21, further comprising the step of the memory card sending the digital data to one of a plurality of detected wireless-enabled external devices, in accordance with the relative proximity between the digital camera and each of the plurality of detected wireless-enabled external devices.

[Claim 23]

The method of claim 21 or claim 22, wherein wireless communication between the wireless transceiver module and the plurality of detected wireless-enabled external devices is based on peer-to-peer protocols and an authentication between wireless transceiver module and the plurality of external devices takes place.

[Claim 24]

The method of claim 23, wherein authentication is by use of a common IP address.

[Claim 25]

The method of any one of claims 18 to 24, further comprising the step of the memory card performing at least one predefined operation based on a value of a first field in at least one direct print order format (DPOF) file stored in the memory card.

[Claim 26]

The method of claim 25, wherein the step of the memory card performing the at least one predefined operation is one of:

wirelessly transmitting the digital data to a predetermined server or website through the wireless transceiver module; and

wirelessly transmitting the digital data to a printer through the wireless transceiver module.

[Claim 27]

The method of claim 25 or claim 26, further comprising the step of the memory card wirelessly transmitting the digital data to the at least one external device, wherein the respective file name of each of the digital data corresponds to at least one value of a second field in the at least one direct print order format (DPOF) file.

[Claim 28]

The method of any one of claims 18 to 27, further comprising the step of the at least one external device accessing the storage module of the memory card to select the digital data and wirelessly receiving the selected digital data from the storage module through the wireless transceiver module.

[Claim 29]

A digital camera having:

an inbuilt processor incapable of independently exporting digital data externally of the digital camera or independently importing digital data from externally of the digital camera; and

the memory card of any one of claims 1 to 17.