CLAIMS

1. A display screen comprising a display panel,

the display panel comprising an active area and a functional area;

the active area being configured to display information; and

the functional area being operable in a first mode for displaying one or more thumbnails corresponding to the information displayed in the active area or a second mode for allowing light to pass through.

2. The display screen of claim 1, wherein

the functional area is adjacent to the active area.

3. The display screen of claim 1, wherein

the functional area is surrounded by the active area.

4. The display screen of any one of claims 1 to 3, wherein

the functional area is disposed at the top or bottom of the display panel.

5. The display screen of any one of claims 1 to 4, wherein

the display screen further comprises a cover plate covering the display panel, and the cover plate is made from transparent material.

6. The display screen of any one of claims 1 to 5, wherein

the functional area and the active area are made from different materials.

7. The display screen of any one of claims 1 to 6, wherein

the functional area operating in the first mode is configured to display the information together with the active area.

8. A mobile terminal comprising the display screen of any one of claims 1 to 7 and a

functional assembly, wherein

the functional assembly is disposed under the functional area;

when the functional area operates in the second mode, the functional assembly is capable of emitting and receiving the light through the functional area.

9. The mobile terminal of claim 8, wherein

the functional assembly comprises at least one selected from a group consisting of a camera, a proximity sensor, and an ambient light sensor.

10. The mobile terminal of claim 9, wherein

the proximity sensor comprises a light emitter configured to emit the light and a light receiver configured to receive the light emitted by the light emitter and reflected by an external object.

11. The mobile terminal of claim 10, wherein

the light receiver and an ambient light sensor are integrated in one module which is capable of receiving invisible light emitted by the light emitter and visible light from the outside.

12. The mobile terminal of claim 10, wherein

the light receiver and an ambient light sensor are connected to each other and arranged side by side.

13. The mobile terminal of any one of claims 8 to 12, wherein

the functional area has an area greater than or equal to that of the functional assembly.

14. The mobile terminal of claim 12, further comprising a bottom plate corresponding to the functional area, wherein the light emitter, the camera, the light receiver, and the ambient light sensor are disposed at the bottom plate side by side, the light emitter and the light receiver are disposed at opposite sides of the camera, and the ambient light sensor is disposed

at a side of the light receiver away from the camera.

15. A method for controlling a display screen of a mobile terminal, wherein

the display screen comprises a display panel, and the display panel comprises an active area and a functional area, and

the method comprises:

determining a current operating condition of the mobile terminal; and

configuring the functional area to operate in a first mode for displaying one or more thumbnails corresponding to the information displayed in the active area or a second mode for allowing light to pass through, according to the current operating condition of the mobile terminal.

16. The method of claim 15, wherein

the mobile terminal further comprises a camera,

determining the current operating condition of the mobile terminal comprises determining whether the camera is activated, and

configuring the functional area to operate in the first mode or the second mode comprises:

configuring the functional area to operate in the second mode when the camera is activated, such that the camera is capable of capturing external images through the functional area.

17. The method of claim 15, wherein

the mobile terminal further comprises a proximity sensor,

determining the current operating condition of the mobile terminal comprises determining whether the mobile terminal is in communication, and

configuring the functional area to operate in the first mode or the second mode comprises:

configuring the functional area to operate in the second mode when the mobile terminal is in communication, such that the proximity sensor is capable of emitting and receiving the

light through the functional area so as to determine a distance between the mobile terminal and an external object reflecting the light.

18. The method of claim 15, wherein

the mobile terminal further comprises an ambient light sensor,

determining the current operating condition of the mobile terminal comprises determining whether the ambient light sensor is activated, and

configuring the functional area to operate in the first mode or the second mode comprises:

configuring the functional area to operate in the second mode when the ambient light sensor is activated, such that the ambient light sensor is capable of sensing ambient light through the functional area so as to adjust brightness of the display screen according to the ambient light.

19. Software that when executed by a computer, the computer is able to perform the method of any of claims 15 to 18.