WHAT IS CLAIMED IS:

1. A display device, comprising:

a liquid crystal display module, wherein the liquid crystal display module has a display area and a non-display area connected to the display area, and the liquid crystal display module comprises:

a bezel;

a backlight module located in the bezel; and

a display panel located on the backlight module, and the display panel comprises:

a first substrate;

a lower polarizer located below the first substrate;

a second substrate facing the first substrate;

a liquid crystal layer located between the first substrate and the second substrate; and

a filter element located between the first substrate and the second substrate;

a cover lens located on the liquid crystal display module; and

a polarizer structure located between the cover lens and the second substrate, wherein the polarizer structure comprises:

a plurality of grids covering the display area; and

a reflective layer surrounding the grids and covering a sidewall of the display panel and a sidewall of the bezel in a direction perpendicular to the cover lens, wherein the reflective layer and the grids are in contact with the cover lens.

2. The display device of claim 1, further comprising a casing, wherein the liquid crystal display module is disposed in the casing.

3. The display device of claim 1, wherein a material of the polarizer structure comprises aluminum or silver.

4. The display device of claim 1, further comprising an optical adhesive connected to the polarizer structure and the second substrate, and the optical adhesive is located between the display area and the grids.

5. The display device of claim 1, wherein the display panel does not have an upper polarizer.

6. The display device of claim 1, wherein the reflective layer is extended beyond the sidewall of the bezel.

7. The display device of claim 1, further comprising:

a casing, wherein the liquid crystal display module and the bezel are disposed in the casing, and the reflective layer is disposed between the casing and the plurality of grids in a first direction and the grids and the reflective layer are not overlapped in a second direction, wherein the first direction is parallel to the cover lens and the second direction is perpendicular to the cover lens, and the first direction is perpendicular to the second direction.

8. The display device of claim 1, further comprising:

a casing, wherein the cover lens has an outer surface and an inner surface opposite to the outer surface, a sidewall of the casing has a top surface, an outer surface, an inner surface, the top surface is connected with the outer surface of the sidewall and the inner surface of the sidewall, the inner surface of the sidewall is opposite to the outer surface of the sidewall, and the top surface of the sidewall of the casing is substantially parallel to the outer surface of the cover lens, wherein the outer surface of the cover lens is coplanar with the top surface of the sidewall of the casing, and the polarizer structure is disposed on the inner surface of the cover lens.

9. The display device of claim 1, further comprising:

a casing, an outer surface of a sidewall of the cover lens and an outer surface of a sidewall of the reflective layer are in contact with an inner surface of a sidewall of the casing.

10. The display device of claim 1, further comprising:

a casing containing the cover lens, the polarizer structure, the bezel, the backlight module and the display panel.

11. The display device of claim 1, wherein the bezel contains the display panel and the backlight module.

12. The display device of claim 1, wherein the plurality of grids and the reflective layer are a continuous layer.

13. The display device of claim 1, wherein the polarizer structure fully covers the cover lens.