WHAT IS CLAIMED IS:

1. A data processing method, comprising:

obtaining a monitoring image captured at a monitoring point on a two-dimensional map;

determining, according to the monitoring image, whether a preset map display level switching condition is satisfied;

in response to determining that the preset map display level switching condition is satisfied,

obtaining position information of the monitoring point on the two-dimensional map, and

determining a three-dimensional model pre-associated with the position information;

switching a map display level from a two-dimensional map display level to a three-dimensional map display level; and

displaying the three-dimensional model in the three-dimensional map display level.

2. The method of claim 1, wherein the preset map display level switching condition comprises that:

a preset event occurs; or

a target monitoring object is detected.

3. The method of claim 2, wherein displaying the three-dimensional model in the three-dimensional map display level comprises:

in response to determining that the target monitoring object is detected,

determining a movement track of the target monitoring object according to the monitoring image; and

displaying a space corresponding to the movement track in the three-dimensional model in the three-dimensional map display level.

4. The method of claim 1, further comprising:

establishing the three-dimensional model of a building in which the monitoring point is located; and

associating the three-dimensional model with the position information.

5. The method of claim 4, further comprising: after establishing the three-dimensional model of a building in which the monitoring point is located,

adjusting a display attribute of the three-dimensional model.

6. The method of claim 5, wherein the display attribute comprises at least one of: color, shape structure, transparency, or virtual and real attribute.

7. The method of claim 4, wherein the three-dimensional model comprises floor information of the building and structure information of each floor.

8. The method of claim 7, wherein displaying the three-dimensional model in the three-dimensional map display level comprises:

displaying the three-dimensional model in the three-dimensional map display level according to the floor information and structure information of floors.

9. The method of claim 1, further comprising: after displaying the three-dimensional model in the three-dimensional map display level,

adjusting a display angle of the three-dimensional model according to a received angle rotation instruction.

10. The method of claim 2, further comprising:

inputting the monitoring image into a deep learning model pre-trained; and

determining, according to output of the deep learning model, whether the preset event occurs.

11. The method of claim 10, wherein the deep learning model is further configured to:

output alert information comprising time information and spatial information at which the preset event occurred and category information of the preset event.

12. A data processing apparatus, comprising:

a first obtaining module, configured to obtain a monitoring image captured at a monitoring point on a two-dimensional map;

a first judging module, configured to determine, according to the monitoring image, whether a preset map display level switching condition is satisfied;

a first determining module, configured to if the judging result of the first judging module is yes, obtain position information of the monitoring point on the two-dimensional map and determine a three-dimensional model pre-associated with the position information; and

a display module, configured to switch a map display level from a two-dimensional map display level to a three-dimensional map display level, and display the three-

dimensional model in the three-dimensional map display level.

13. The apparatus of claim 12, wherein the preset map display level switching condition comprises that:

a preset event occurs; or

a target monitoring object is detected.

14. The apparatus of claim 13, wherein the display module comprises:

a determining unit, configured to determine a movement track of the target monitoring object according to the monitoring image if the target monitoring object is detected; and

a first display unit, configured to display a space corresponding to the movement track in the three-dimensional model in the three-dimensional map display level.

15. The apparatus of claim 12, further comprising:

an establishing module, configured to establish the three-dimensional model of a building in which the monitoring point is located; and

an associating module, configured to associate the three-dimensional model with the position information.

16. The apparatus of claim 15, further comprising:

a first adjusting module, configured to adjust a display attribute of the three-dimensional model.

17. The apparatus of claim 16, wherein the display attribute comprises at least one of:

color, shape structure, transparency, or virtual and real attribute.

18. A computer readable storage medium storing a computer program, wherein when the computer program is executed by a processor, the method of any of claims 1-11 is implemented.

19. A computer device, comprising: a memory, a processor and a computer program stored in the memory and executable by the processor, wherein when the computer program is executed by the processor, the method of any of claims 1-11 is implemented.

20. A computer program, wherein when the computer program is executed by a processor, the method of any of claims 1-11 is implemented.