What is claimed is:

1. A congestion information display system comprising:

a sensor device including a housing which has a plurality of surfaces associated with congestion information indicating a congestion status of a facility, and an acceleration sensor configured to acquire an acceleration changed in accordance with a change in an orientation of the housing by a user's operation;

a detection unit configured to detect a surface facing a predetermined direction among the plurality of surfaces based on the acceleration acquired by the acceleration sensor;

a congestion information acquisition unit configured to acquire the congestion information associated with the surface detected by the detection unit; and

a display processing unit configured to display, on a display device, the congestion information acquired by the congestion information acquisition unit.

2. The congestion information display system according to Claim 1, wherein the detection unit detects a surface associated with the acceleration acquired by the acceleration sensor among the plurality of surfaces as the surface facing the predetermined direction.

3. The congestion information display system according to Claim 1 or 2, wherein the acceleration is a gravity acceleration acquired after the change in the orientation of the housing.

4. The congestion information display system according to any one of Claims 1 to 3, wherein the predetermined direction is a vertically upward direction.

5. The congestion information display system according to any one of Claims 1 to 4, wherein a medium on which the congestion information is printed is attached to the surface associated with the congestion information.

6. A sensor device comprising:

a housing which has a plurality of surfaces associated with congestion information indicating a congestion status of a facility;

an acceleration sensor acquiring an acceleration changed in accordance with a change in an orientation of the housing by a user's operation;

a detection unit that detects a surface facing a predetermined direction among the plurality of surfaces based on the acceleration acquired by the acceleration sensor; and

a communication unit that transmits surface information indicating the surface detected by the detection unit to a device that acquires the congestion information of the facility based on the surface.

7. A congestion information display method comprising:

including, via a sensor device, a housing which has a plurality of surfaces associated with congestion information indicating a congestion status of a facility, and an acceleration sensor configured to acquire an acceleration changed in accordance with a change in an orientation of the housing by a user's operation;

detecting, via a detection unit, a surface facing a predetermined direction among the plurality of surfaces based on the acceleration acquired by the acceleration sensor;

acquiring, via a congestion information acquisition unit, the congestion information associated with the surface detected by the detection unit; and

displaying, via a display processing unit, the congestion information acquired by the congestion information acquisition unit on a display device.

8. A ~~program for causing a computer to function as~~ storage medium having a program stored therein, the program for causing a computer to:

~~a sensor device including a housing which has a plurality of surfaces associated with congestion information indicating a congestion status of a facility, and an acceleration sensor configured to acquire an acceleration changed in accordance with a change in an orientation of the housing by a user's operation~~acquire an acceleration changed in accordance with a change in an orientation of a housing by a user's operation, the housing having a plurality of surfaces associated with congestion information indicating a congestion status of a facility;

~~a detection unit configured to detect a surface facing a predetermined direction among the plurality of surfaces based on the acceleration acquired by the acceleration sensor~~detect a surface facing a predetermined direction among the plurality of surfaces based on the acceleration;

~~a congestion information acquisition unit configured to acquire the congestion information associated with the surface detected by the detection unit~~acquire the congestion information associated with the detected surface; and

~~a display processing unit configured to display, on a display device, the congestion information acquired by the congestion information acquisition unit~~display the congestion information on a display device.