CLAIMS

1. A system for fluid object analyzing, comprising a video input device, a CPU, a fluid object analyzing program, a communication device, an external storage device, and an output device:

wherein the communication device is connected to the CPU and a network and the communication device is configured to receive a video photographed by the video input device through the network and is configured to deliver a plurality of control commands to the video input device through the network;

wherein the video input device includes a video acquisition part and a control command execution part;

wherein the video acquisition part includes a camera with an azimuth, a direction, a lens setting, a rotation range, and an angle dip range;

wherein the control command execution part is configured to receive the plurality of control commands from the communication device through a network;

wherein the video acquisition part is capable of scanning an imaging range within a monitoring region;

wherein the imaging range is set by at least one control command designating at least one of the

azimuth, the direction, the lens setting, the rotation range, and the angle dip range;

wherein the external storage device is configurable by the CPU for storing a camera attribute table and a fluid object analyzing program;

wherein the camera attribute table includes a camera installation height, a viewing angle, and a camera lens;

wherein a fluid object analyzing program is executed by the CPU and includes:

feature quantity extraction means for extracting a motion feature quantity from the inputted video;

a fluid object analyzing device for extracting a region where a fluid object exists based on the extracted motion feature quantity;

fire source estimating means for estimating an estimated fire source from the extracted region concerned; and

an output device for outputting information of the estimated fire source to a display;

wherein the communication device transmits at least one control command to the video input device to alter the imaging range of the camera in response to the estimated fire source according to at least one predetermined rule.

2. The system for fluid object analyzing according to claim 1,

wherein the fire source estimating means calculates a distance between the fluid object and the camera concerned based on information showing attributes of the camera, and estimates the estimated fire source.

3. The system for fluid object analyzing according to any one of claim 1 to claim 2,

wherein the output means outputs information that shows a fire spread region centered on the estimated fire source, a recommended evacuation region, and a route for heading to the estimated fire source in the display.