Reading FVA-IP Camera Views

Two information lines are superimposed onto the camera image, see Fig 1 below. The first information line, located on the top of the image, provides a state of the relay, followed by the camera's IP address, MAC address, firmware version, image quality indicator, number of connections and finally illumination in lux. The information line on the bottom of the camera image contains the camera name followed by the date, local time, frame rate, CPU usage, cycle process time in milliseconds and active algorithm indicator (FSO standing for: flame, smoke and offsite).

Fig 1- Camera View Image

If any of these detection algorithms have been turned off, you will see an "X" over the corresponding letter, see Fig 2.

Fig 2-Flame algorithm turned off indicated by "X" over F on bottom status line

The state of the relay shows the physical state of all three form C dry contacts on the rear of the camera using a "0" to indicate the relay is in a normal state and a "1" to indicate the relay is in an alarm state. The image above shows all three relays in a normal state. While the image below shows relay 1 energized due to a fire in the camera's field of view. The camera will also have to be in an alarm state to close the relay. The state of the camera is indicated on the bottom information line.

In Fig 3 below, the state of the camera is indicated by the <flame> added to the end of the bottom status line.
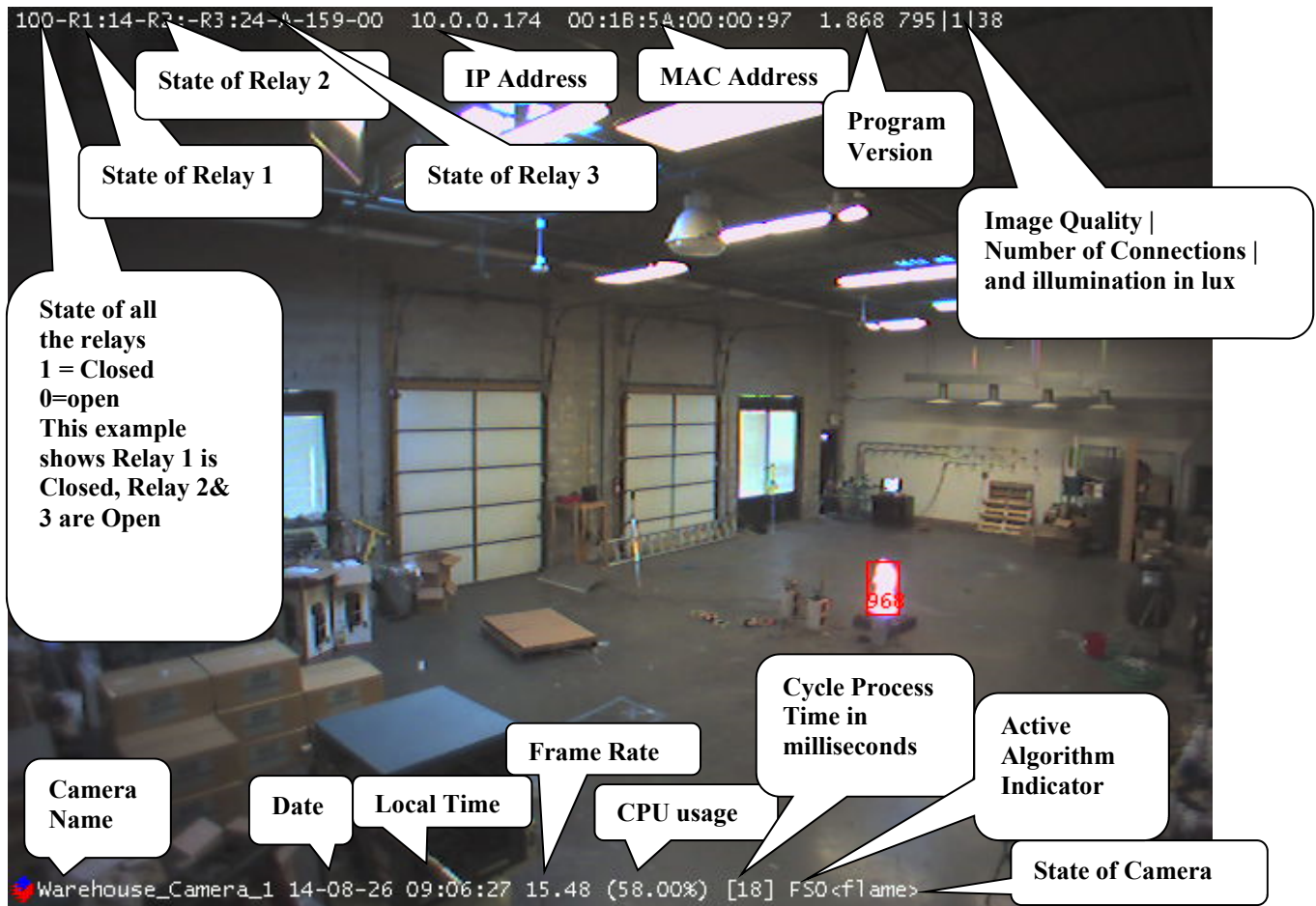

Fig 3- Flame event indicated by <flame> added to bottom status line

On the top status line, after the relay state, the event codes for each relay are shown. The event codes indicate what condition is required for the relay to close the R[1|2|3]: Event codes are:

1 – Flame
2 – Smoke
3 – Offsite
4 – Motion
5 – User
6 – External (not used)
7 – Dark
8 – Bright
9 – Featureless (content)
0 – Focus
A – Network

For example R1:123 means relay one will engage on flame, smoke and offsite.

The final line is a relay countdown line, as an example M – 15 – 00 means Manual, 15 seconds delay and the state of the countdown.

For further assistance please call Fike Video Analytics Corporation technical support at (844-345-3843).

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