

## FVA-IP Camera Installation

### Read Me!

For proper system installation, the FVA-IP cameras must be installed correctly, focused and connected to the NVR for a two week calibration period.

### Installing Cameras

When installing the cameras, **point the camera horizontal** with no more than a 5 or 10 degree downward angle so the camera looks out into the space. **Do not point the camera down**, as the patterns the camera identifies as flame and smoke look different when looking down onto a fire rather than out at it. Pointing the cameras downward will cause increased nuisance alarms and may diminish the ability of the camera to detect fire and smoke.

### Focus the Cameras

It is extremely important that you get a proper focus that produces a sharp image, as the camera uses image contrast as a factor in identifying smoke. A fuzzy, out of focus lens will produce nuisance alarms.

### Maximize Cameras Field of View

When installing the cameras ensure there are no obstructions directly in front of the camera. And mount the camera to look out at the hazard area to cover the most space possible.

### Attach the Cameras to the Fire Alarm panel

The cameras come out of the box ready to detect flame, smoke and reflected fire light (offsite). The camera's detection settings are very sensitive which can cause some nuisance alarms when they are first setup for calibration. The events are collected for a two week period by the NVR. Adjustments are made to the camera settings to mitigate these alarms using zones, delays, cross zoning and sensitivity levels. If the cameras are attached to the fire alarm panel before the calibration period is complete, nuisance alarms should be expected.

### Setting the Cameras IP Address

Before adding the camera to the Local Area Network (LAN), set each camera's IP address. Adding more than one camera with the same IP address to the network will cause a conflict on the network and slow traffic. Every camera has a default address of 192.168.0.100 and this should be changed to ensure there will not be a conflict with another camera or another network device. Please see the IP Camera Manual P/N 06-523 or the training guide to learn how to change a camera's IP address.

This page intentionally left blank.