HIGH TEMPERATURE CAMERAS

M721™

Remote Auto Iris Controller

The M721™ allows operators to remotely control and make level adjustments to the M508™ camera auto-iris from the control room.

Normal operation of an industrial process, such as a utility boiler or kiln, includes a wide variation of operating loads from cold start-up to full load. Even the most versatile of auto-iris cameras cannot compensate for these changing light levels.

The IST-Quadtek® M721 auto-iris controller allows the operator to make level adjustments to the M508™ camera auto-iris from the control room. Level control of the auto-iris means that flame details will not be lost due to camera saturation. During start-up, burner viewing will not be lost due to insufficient levels of brightness.

Connection is made simple because the M721 controls the cameras iris while sharing the same coax cable that is normally run from the camera to the control room.
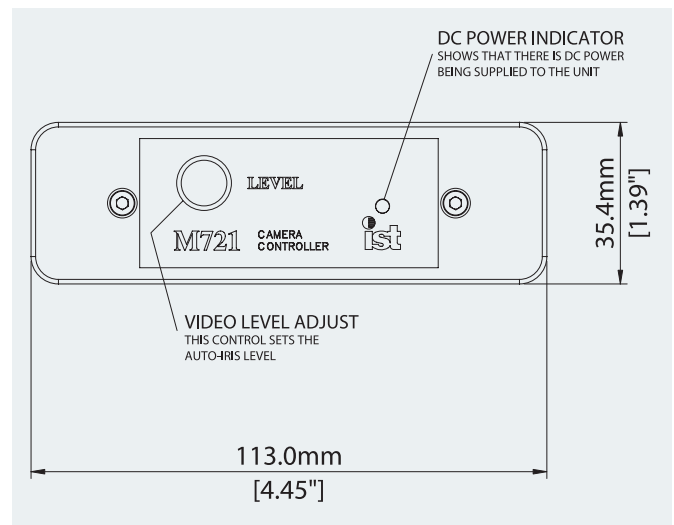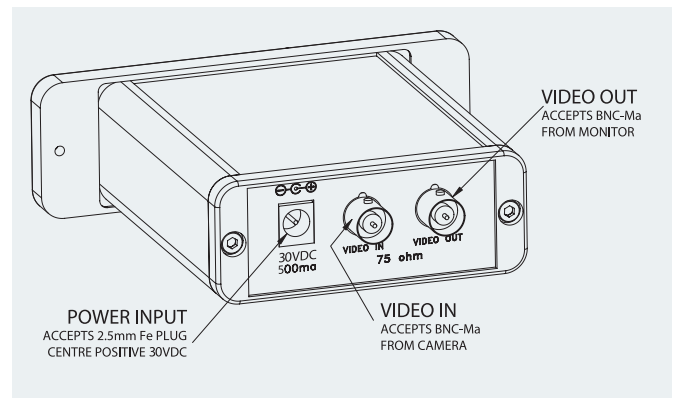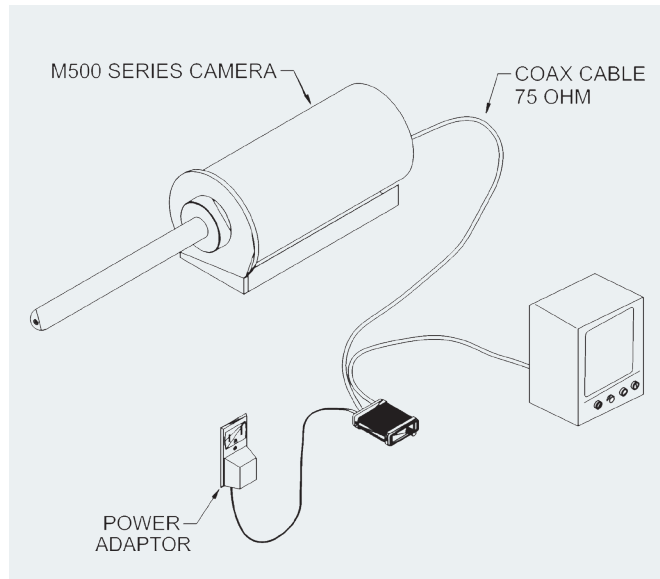
FEATURES

- ✔ Video image contrast adjustment
- ✔ Locate next to monitor in the control room
- ✔ Simple connection sharing same coax cable as camera

M721 REMOTE AUTO IRIS CONTROLLER

SPECIFICATIONS AND PERFORMANCE

- Power Requirements: 30 V dc; 500 mA via 100-240 V ac power adaptor

- Physical Dimensions: 33 x 89 x 108 mm (H x W x D) (1.28 x 3.50 x 4.25 in.)

- Installation Clearances: 76 mm (3.0 in. in rear)

- Operating Temperature Range: 0 to 50 °C (32 to 121 °F)

- Storage Temperature Range: -25 to 70 °C (-13 to 158 °F)

- Relative Humidity: 0 to 95%

- Camera Requirements: Quadtek M508 Lynx camera with remote iris control option

- Video Input: 1-channel 75 ohm composite video with BNC connector

- Video Output: 1-channel 75 ohm composite video with BNC connector