MLZ6DT Control
ZOOM LENS, MOTORIZED

Product Features

- Solid-State Electronics
- 120 VAC Input
- Supplied with 24 VAC Wall Transformer
- For Use with Motorized Zoom Lenses
- Ideal for Simple, Hard-Wire Control Applications

The MLZ6DT lens control is designed to provide remote control for Pelco's motorized zoom lenses. Fully solid-state electronics provide the DC power to smoothly drive zoom, focus, and iris functions.

The MLZ6DT is supplied with a 24 VAC wall mount transformer power supply. Front panel switches provide control of zoom and focus functions, with optional manual control of the iris. Speed is adjustable through the front panel knob control.

The MLZ6DT is ideal for simple video surveillance applications (single camera and monitor).

NOTE: VALUES IN PARENTHESES ARE CENTIMETERS; ALL OTHERS ARE INCHES.
TECHNICAL SPECIFICATIONS

MODELS
MLZ6DT Desktop zoom lens control module with auto/manual iris control

CONTROLS
Zoom Paddle switch TELE/WIDE
Focus Paddle switch NEAR/FAR
Manual Iris Paddle switch OPEN/CLOSE
Auto Iris Paddle switch AUTO/MANUAL
Speed Knob adjustment
On/Off Rocker switch
Pilot Lamp Light emitting diode (LED)

ELECTRICAL
Input Voltage 120 VAC, 50/60 Hz
Power Consumption 3 to 6 watts
Output Voltage ±2 to 12 VDC
Circuit Full wave power supply with solid-state drive
Power Supply 24 VAC, 400 mA wall mount transformer
Output Connector AMP CPC type, 14 pin (mate supplied)
Cable Requirements Four conductors plus ground; one additional conductor for manual override
Cable Distances The following distances are approximate maximum recommended under the following conditions:
  – Based on a 35 mA load at 9 VDC
  – Single lens function activation
  – Single common conductor in lens cable
  – 10% loss in voltage at the lens motor

22 AWG (0.3 mm²) 797 ft (243 m)
20 AWG (0.5 mm²) 1,267 ft (386 m)
18 AWG (1.0 mm²) 2,015 ft (614 m)

Note: Video is limited to 500 feet on RG59/U coax cable without equalization amplifier.

GENERAL
Construction
  Cover Steel, black polyester powder coat
  Chassis Steel, zinc plated
  Panel Aluminum, black polyester powder coat with white silkscreen
Unit Weight 3 lb (1.35 kg)
Shipping Weight 5 lb (2.25 kg)

CERTIFICATIONS/RATINGS
  • UL Listed
  • Meets NEMA Type 1 standards

OPTIONAL ACCESSORIES
R300 Rack mount kit (1 RU) for up to three control modules.