



# ROTOOUT241

Outdoor PAN/TILT with control

User's Guide



## IMPORTANT SAFEGUARDS

### CAUTION:

TO REDUCE THE RISK OF ELECTRIC SHOCK DO NOT REMOVE COVER (OR BACK). NO USER-SERVICEABLE PARTS INSIDE REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.

### GRAPHICS SYMBOL EXPLANATION



The lightning flash with arrowhead symbol within an equilateral triangle, is Intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.



The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (service) instructions in the literature accompanying the unit.

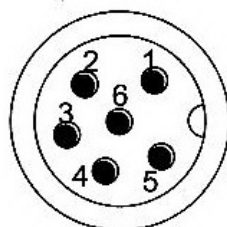
## ROTOUT241 PAN/TILT UNIT

### 1. INSTALLATION

The ROTOUT241 is intended to be mounted on a Wall Mount. Installation of the pan and tilt drive to the wall mount requires a stainless steel 1/4-20 screw supplied with the wall mount. Note the ribs on the underside of the ROTOUT241 base engage slots in the ROTOUT241. This allows positioning of the ROTOUT241 in any of four directions with respect to wall mount. Secure ROTOUT241 to the wall mount using screw from underside of wall mount into ROTOUT241 and tighten.

### 2. WIRING OF UNIT

Fabricate the interconnecting cable in accordance with Figure 1 for proper operation.



- 1 – auto – red
- 2 – common – black
- 3 – titl down – white
- 4 – tilt up - green
- 5 - pan right – yellow
- 6 – pan left - blue

Figure 1  
ROTOUT241 Cable Assembly Diagram

### 3. INVERTED MOUNTING

When the unit is mounted in the inverted position, the left right directions are reversed for manual operation. This must be corrected when wiring the cable between control unit and the pan tilt drive. Simply reverse leads going to terminals 3 and 4.

### 4. ADJUSTING LIMIT TOPS

After cable is installed and unit has been mounted proceed as follow:

1. Plug control unit into a 220VAC/24VAC source. Be sure auto switch is in the OFF position.
2. To adjust pan limit stops (see Figure 2), loosen screws securing both stops (1) and (3) to unit. Slide stops around unit to desired locations and secure by tightening screws.
3. To adjust tilt limit stops (see Figure 2) located in each end of plate, relive two screws securing each end cap to unit. Loosen and adjust tilt limit stops screws for desired tilt limit position. Tighten limit stop screws and reinstall each end caps to unit and secure with two screws.

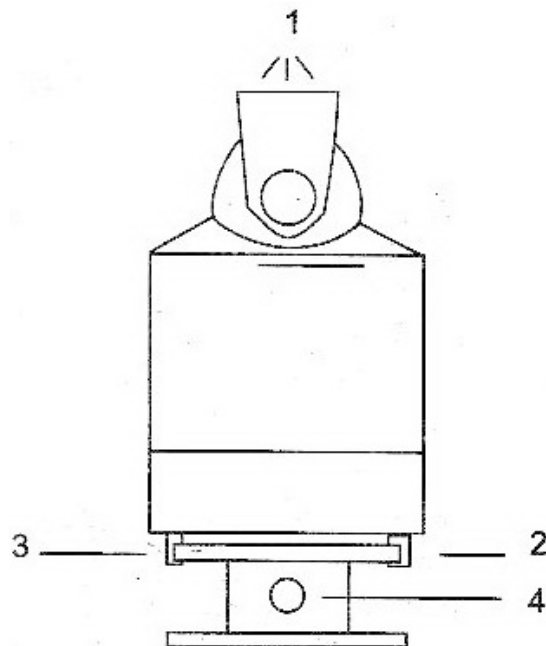


Figure 2  
Limit Stop Adjustment and Camera Mounting Plate

ROTOUT241 Control

1. Camera Mounting Plate
2. Right Pan Limited Stop
3. Left Pan Limited Stop
4. 6 pin Socket

## 5. MAINTENANCE

This pan and tilt drive requires no lubrication or maintenance for the life of the unit. If the unit fails to function turn it off and check the fuse on the control unit. Replacement fuse values are given in the instructions supplied with the control unit.

## 6. SPECIFICATION

Angular Trave	Pan: 350°
	Tilt: ±60°
Limit Stop	Externally adjustable
Speed	Pan: 6°/second
	Tilt: 3° /second
Load Rating	Handle up to 18 kg (8 inch form center)
Duty Cycle	Pan: Continuous
	Tilt: Intermittent
Input Voltage	AC24V/117V/220V
Motor Output	24V-6watt, 117V-15watt, 220V-15watt.
Normal Operation Current	24V- 0.96A, 117V- 0.3A, 220V- 0.2A
Cable Requirement	Six-conductor unshield
Operating temperature	-25°C to +60°C
Operating humidity	35% to 90% (Relative humidity)
Construction	Aluminum alloy
Finish	Silver gray backed enamel finish
Seals	Quad ring and gasket seals for all-weather protection
Dimensions	277(H)X196(φ )mm
Weight	7.5kgs