



Pan & Tilt Module

Camera / Servo Position Controller

General Description

The small **Pan and Tilt module** has been designed for use with standard pcb mounted video capture cameras and lightweight WebCams.

Using standard hobby servos, it will allow the user to control the position of the camera in both the pan and tilt axes over a sector of approximately 130°.

The Pan and Tilt module provides 3 selectable modes of operation: Direct control, Stepping mode and Autonomous scan mode.

Modes:

- Direct control mode such as a Web Cam drive under PC control.
- Stepping mode moves the camera head to between 2 and 8 pre-defined position.
- Autonomous scan mode where the module continuously scans a defined sector.

The module is controlled and programmed by a simple ASCII command set and may be set-up from within a simple terminal program such as Hyperterminal.

All adjustable operating parameters are stored in non-volatile memory so that they are retained during power down, and ready for use on power-up.

Provision is made for up to 4 "normally-closed" PIR sensor inputs. When activated, the module will automatically move to a pre-determined point, issue an RS232 format alarm signal and operate up to 2 on-board relays.

Power Supply, PC cable and Camera not included.

Applications

- Security
- Robotics
- Other
- Animatronics
- Media Arts
- Haunted Attractions
- Technology



Board Size: 4-1/8" L x 3- 5/8" W x 4" H
Power Requirements: 5Volts dc @ 1 Amp

Features

- The Pan and Tilt module provides 3 selectable modes of operation: Direct control, Stepping mode and Autonomous scan mode.
- Used with standard pcb mounted video capture cameras and lightweight Web Cams.
- The module can be controlled and programmed by a simple ASCII command set.
- All adjustable operating parameters are stored in non-volatile memory.
- Provision for up to 4 "normally-closed" PIR sensor inputs.
- 2 on-board programmable relays.

Ordering Information

Catalog Number:
PTC-0150

[For more information on this product or to place an order](#)