



- EMC shielded up to 200 V/m / 18 GHz
- Remotely controlled (PELCO-D)
- Speed control
- Soft start and stop
- 255 programmable presets

## EMC HARDENED PAN/TILT UNIT

The PT83 is a pan-/tilt unit for cameras designed for operation in EMC critical environments. It presents very low emissions and can withstand field strengths of up to 200 V/m at 18 GHz.

It operates with a single 12 V-DC power supply. The PT83\_AC variant can be supplied with 24 V-AC.

The PT83 supports a wide range of pan/tilt movements. To avoid mechanical damage, adjustable switches are integrated inside the device.

The PT83 can be controlled via PELCO-D commands transmitted over RS485 from the camera or a Joystick.

When a camera is connected, commands are sent from the camera controller to the camera via fibre optic transmission.

**TECHNICAL DATA**

EMC immunity	up to 200 V/m / 18 GHz
Movement	Pan: 0 ° – 360 ° (adjustable at factory) Tilt: -70 ° – +20 ° (adjustable at factory)
Speed	Pan: 1 – 36°/s Tilt: 0.4 – 12°/s
Positioning	255 programmable preset
Protocol	PELCO-D (Open) 9600,8,n,1
Interface	RS485
Humidity	20 – 85 % not condensing
Type of load	Top load
Maximum Load	5 kg
Power Consumption	30 W
Power Supply	PT83: 12 V- DC PT83_AC: 12 V- DC or 24 V-AC
External Dimensions	200 x 120 x 185 mm (LxWxH)
Weight	3.5 kg
Operating temperature	-30 °C – +60 °C
Construction	Aluminium Alloy

Prices and specifications are subject to change without notice!

