HI-SPEED INT PTZ 22X ZOOM

PTZ130F

An attractive high-speed internal dome with superb performance and features

Features

- ✓ 352x Zoom (22x Optical, 16x Digital)
- ✓ Attractive Design
- ✓ Alarm Inputs
- ✓ Belt Driven
- ✓ Continuous Rotation
- ✓ 128 Presets & 6 Tours
- ✓ Endless Rotation
- ✓ Picture Flip
- ✓ 480TVL Camera
- ✓ High-End Applications

Description

The PTZ130 is a well-engineered and beautifully designed product for high-end internal surveillance applications. It is also used as the "internal" part of our high-speed external domes.

With its superior construction and belt driven design this dome is a high precision unit and maintains it's preset positions up to ±0.1°!!

Disclaimer

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The dome has an automatic 180ºpicture flip facility and provides panoramic monitoring without any blind spots. The low noise and high performance of this dome make it great choice for more up market retail and internal monitoring applications.

With an optional ceiling bracket code PTZ060, the dome can be either surface or flush mounted. An additional Silvered dome cover is available for more discrete surveillance.

The Key features of this dome are as follows;

1-This dome can store up to 128 preset positions in non-volatile memory that are not lost with a power failure. (all ExcelPTZ's do this)

2-High-speed rotation of a full 360° in just over a second! Whereas it takes the standard speed domes just over 20 seconds for a full rotation.

3-Six sets of tours (patrols) each with 16 preset positions can be programmed the running speed and the dwell times of which are adjustable.

4-The dome camera can "learn" a route as a MACRO by its operator within a 40 second interval by utilising the "Record Pattern facility".

5-The logical structure of the menu makes all setups and programming of the dome camera more convenient and easy to operate.

6-Proportional pan function. The domes travel speed will depend upon the extent of the zoom coverage. In telephoto zoom mode, the pan and tilt speeds will be slower for a given amount of joystick movement than that in wide zoom mode. This keeps the image from moving too fast on the monitor when there is a large amount of zoom coverage. This slowing down does not occur when going to a preset, but does occur in turbo mode when the high-speed zoom is selected. The minimum pan and tilt speeds are 0.1 degree per second at full zoom.

7-The dome has four in-built alarm channels to call four independent presets. This means that for example you may have a door contact and when the contact is closed, it sends a "0"volt alarm switch to the dome on one of the four alarm channels. The dome will then call a previously set preset position and lock the camera onto that position. A single channel alarm out, allows the connection of an audible alarm, lighting or other warning device.

8-Proportional joystick control means if you "lightly" move the joy stick on the keyboard the dome moves slowly, if you press harder then the dome moves faster. It's a similar principle to the accelerator pedal on a car and gives the operator more precise control of the dome.

The camera used within this dome is our popular 22x Optical, 16x Digital Zoom module with a 480TVL resolution and electronic day/night sensor. The functions of this Zoom module can be displayed on the monitor screen during set-up when the DISPLAY option on the camera is set to ON.

** The ExcelPTZ range as a whole **

The new excelPTZ range provides unrivalled performance at the lowest possible prices with a dome to suit everybody's budget and requirements. Based all around the same decoder electronics, once you learn one of the excelPTZ domes you've learnt them all. This makes installation fast and efficient. Integrated multi-protocol means the excelPTZ range will work with most other equipment on the market straight out of the box.

** Where would I use this dome? **

This is an internal dome and its ideal for shops and offices. The powerful 22x optical

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zoom means it a good choice for retail environments that require detailed surveillance. This is a great choice for more demanding and higher end jobs as its quite a feature packed product and helps the installer to tailor the installation to the customer's requirements.

** What can you use to control the dome? **

The domes can be controlled with either a keypad or directly by a suitable DVR. If the DVR that controls the domes has a remote monitoring facility that allows itself to be controlled over the internet, you will be able to control the domes from anywhere in the world! A suitable DVR for this kind of application is one of the DVR365 range. Several different keyboards are available to control the excelPTZ range. When referring to keyboards, "2-D" generally means the joystick lever can Pan & Tilt the camera. "3-D" means the joystick lever can Pan, Tilt and Zoom the camera without pressing any other keys. This means that 3-D keyboards give a better one-handed control over domes than 2-D keyboards. On a 2-D keyboard one hand generally is used to direct the dome and the other hand presses the zoom in and out button, the 3-D joystick can be operated all with one hand.

We have now produced two keyboards with a built in LCD's this means that the operator can control the dome with greater ease than before with greater eye and hand coordination. See products PTZ715 and PTZ720.

** What protocols can I use with this particular dome? **

All the ExcelPTZ range of domes uses the industry standard Pelco D&P plus extra ones. This particular dome can use the following list of protocols;

1-Pelco-D
2-Pelco-P
3-SAMSUNG
4-B01
5-NEON
6-PANASONIC
7-Longcomity
8-HUNDA-600
9-LiLin
10-VICON
11-MOLYNEX
12-KALATEL
13-VCL
14-ALEC
15-ULTRAC

Note about protocol compatibility!

Whilst most features can be checked between different protocols many manufacturers bring in new features all the time and it is impossible to guarantee that the dome would be 100% compatible with every protocol feature. As Pelco-D is a more defined and mature protocol we recommend that this is what you use. We actually set the dome to Pelco-D 2400 as its factory default. Most DVR's and keyboards also support this common protocol so we strongly suggest you stick to it.

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Specifications

Image Sensor	1/3" Colour
Resolution	480 TVL
Min. Illumination	0.5 Lux
Day/Night Function	Electronic
Input Voltage	24V AC
Current Consumption	1.5 Amp
IP Rating	Internal Only
Protocol	Pelco D
Other Protocols	15 others
Bracket	Embedded Bracket Option
Finish	Silver
Build	Metal
Optical Zoom	22 x
Digital Zoom	16 x
Pre-sets	128
Tours	6
Pan Speed	300deg/sec
Alarm Inputs	4
*Dome Option	Silvered Finish
*Extras	Belt Driven
*Extras	Continuous Rotation
*Extras	Low Noise Operation
*Extras	On Screen Menu
*Extras	Picture Flip
*Extras	Proportional Speed
Dimensions	Body 130mmDia Base 200mm Total Hight205m

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