

Video & Optical Systems Limited

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Integrated Laser Dome Camera 2822 PTZ

Features

- Manufactured from aluminium alloy
- High strength optically flat front window
- IP65
- Continuous rotation
- Auto scan
- Auto reserve
- Long life over 20,000hrs
- Pre-sets function
- Self-check
- High speed 0.05° ~ 360° per second
- Laser diode



Description

Manufactured from aluminium alloy the 2822 PTZ Dome camera is designed to be installed in many extreme environments particularly town centres and coastal areas. The integrated laser illuminator, and colour/monochrome zoom are fully enclosed within the dome.

The 2822 offers synchronous 23x laser zoom and camera zoom, with viewing angles between 2° ~ 45°.

A spring loaded wiper fitted as standard helps to ensure clear images in all weather conditions.

It is ideal for new and upgrading existing systems alike.

The 2822 PTZ can also be used for vehicle installations due to the optional power converter which makes it ideal for rapid deployment and short term surveillance operations.

Typical Applications

- Town Centres
- Seafronts
- Prisons
- Navy
- Military
- Police Vehicles
- Nuclear Plants
- Seafronts
- Harbours
- High Crime Areas
- Armoured Vehicles

Specifications

Model	2822 PTZ
General	
Power Supply	24vac ±10%
Control Interface	RS485, Pelco P or D (Others on request)
Performance	
Day Night Performance (people)	Day >400m Night >300m
MTBF	≥10,000hrs
Fatigue Test	10,000 Cycles
Safety	
Laser	Power on default to wide angle
Lightning	DC, Control lines and video, 2 Surge inputs of Grade 2 severity AC < Grade 3
Environmental	
Temperature	-25°C ~ +55°C Operational, -40°C ~ +80°C Storage
Protection	IP65 External Use
Vibration	GB/T1857.10
Colour CCD	23X , ¼" I R sensitive CCD with auto IR cut filter switched when laser on
Pan/Tilt	
Pan Speed	0.05° ~ 360° / sec
Pan Range	360° Continuous Rotation
Tilt Range	0° ~ 180°, with Auto Reversal
Pre-sets	256
Scan Speed	0.5° ~ 30° /sec
Cruise Function	6 Tracking Paths
Self-Check	40sec
Wiper	Standard
Laser	
Power	4W
Angle	2° ~ 45° Synchronised Camera Zoom
Zoom Speed	3 secs
Dimensions	
Dome	280mm Diameter x 405mm High
Shipping	620mm X 510mm X 410mm, 10kg