

Product datasheet

Limpet™ HD IP Dome

High Definition 1080p IP vandal resistant PTZ camera with 10x optical zoom



Key Features

- Overview digital servo pan and tilt drive
- Direct drive, no backlash
- Outstanding accuracy and dynamic range
- Above horizon view
- Die-cast aluminium housing
- Silent operation
- High definition 1920 x 1080p
- 10x auto focus zoom lens
- IP67
- Low cost of ownership
- ONVIF conformant

Description

The Limpet HD dome is a unique PTZ camera designed to mount directly to a wall and provides the ability to view above the horizon. The vandal resistant housing makes it ideal for public areas, indoors or outdoors. Each axis is driven directly without intermediate belts or gears by Overview's unique iBLDC digital servo drives. These drives achieve a previously unattainable level of positional accuracy, repeatability, wide dynamic range and smoothness.

The aesthetically pleasing compact design blends into the architectural surroundings to provide unobtrusive security with a low cost of ownership.

Limpet's vandal resistant die-cast aluminium housing and polycarbonate bubble make it ideal for installation in areas where vandalism may be a problem. Installation is simple due to the removable wall plate which features a safety crank hinge that supports the housing, whilst connectors are fitted and operation is confirmed. Tamper resistant screws lock the housing to the wall plate to complete the installation and maintain its environmental integrity to IP67.

Technical summary – Limpet™ HD IP

Image sensor	1/2.8-type Exmor CMOS
Number of total pixels	Approx. 2.38 Megapixels
Lens	10x optical zoom, f=3.8mm (wide) to 38.0 mm (tele), F1.8 to F3.4
Angle of view	(H) 67° wide to 7.6° tele
Digital zoom	12x (120x with optical zoom)
Resolution	1920 x 1080
Minimum illumination	Colour 0.35 Lux (F1.8, 1/30s)
S/N ratio more than	50dB
Electronic shutter	Auto and manual settings
Progressive scan	Yes
WDR	Yes (130dB)
White balance	Auto, manual
Gain	Auto, manual
AE control	Auto, manual
Focusing system	Auto, manual
Back-light compensation	Yes
Privacy masking	Yes, spherical masking zones
Defog	Yes
Time, date and title display	Yes
Alarm inputs	2
Relay out	1
Pan and tilt mechanism	Overview's direct drive brushless motors
Pre-set positions	32
Tours	8
Pan rotation	190°
Tilt rotation	100°
Pan speed	0.04°/second to 90°/second - manual, 360°/second – pre-set
Tilt speed	0.04°/second to 90°/second - manual, 180°/second – pre-set
Input voltage	24VAC/VDC
Power consumption	20W without heater
Storage temperature	-20°C to 60°C
Operating temperature	-10° C to 50°C
Environmental protection	IP67
Weight	2.2Kg
Dimensions	See diagram 1
Shipping weight	2.65Kg
Shipping dimensions	(W) 26.5 x (D) 21.5 x (H) 32.5cms

Encoder

Compression Format	H.264, MPEG-4, JPEG
Number of Streams	Triple stream, configurable
Resolution	1080p/25
Bitrate	Up to 12Mbps
ONVIF	Yes, profile S
Audio	
Input	Not supported
Output	Not supported
Function	
Digital Input	2 channels
Digital Output	1 channel
Network	10 / 100 Base-T
Protocol	TCP/IP, UDP/IP, HTTP, RTSP, RTCP, RTP/UDP, RTP/TCP, SNTP, mDNS, UPnP, SMTP, SOCK, IGMP, DHCP, DDNS, SSL v2/v3, IEEE 802.1X, SSH, SNMP v2/v3
Easy to Use	Intuitive Web Browser Interface

European Community Registered Design

Numbers:

001703992-001

001733992-002

001703992-003

Note: Data sheet may change without notice.