Features

- **Mega-Pixel**
  2MP (1080p30) 20x optical zoom camera, selectable PAL/NTSC. H.264 Compression with ONVIF compliance.

- **IR illumination**
  60 Meter 850nm IR illumination built-in

- **Multiple Mounting options**
  Roof, Wall, pole inverted or upright.

- **Broad Power Input**
  9VDC to 36VDC

- **Audio**
  1 Channel Audio in and Audio out enabling remote listening and audio commands from the Control Center over IP.

- **Marine Rated**
  IP66 high strength Aluminum PTZ cas

Compact Mobile IP PTZ Camera

Series...*From Patronus Lab*

Magnet Mount

Overview

Patronus Laboratories has added to its line of Compact Mobile PTZ's with a new 2MP (1080p30), 20x zoom model. This new 2MP model is ONVIF compliant enabling integration to a vast number of IP based VMS solutions. This camera is ideal for mobile applications such as: police cars, Command and Control Vehicles, Security Trailers, Marine vessels, etc.

IP66 rated for any outdoor environment including harsh marine installations.

Operating in temperatures from -35°C to +65°C enable operation across the vast majority of the globe.

PRODUCT IDENTIFICATION CHART

| Division	Category	
Access Control	Camera, Board	IR Illuminator
Computer Components	Camera Bullet	Joy Stick
Fixed Platform	Camera, Dome	Lens, Board
Housings/Mnts/Enclosures	Camera, Mini	Lens, C/CS Mount
Mobile Platform	Cam, Professional	Recorder, Embedded
Power Gen/Storage	Cam, Specialty	Recorder, Mobile
Tools/Equipment	Cam, Speed dome	Recorder, Network
Video Surveillance	Decoder	Recorder, PC-Based
Wire/Cables/Connectors	Encoder	Software
Wireless Equipment	Encoder/Recorder	

Camera Models

Model	Description
VSCS1293	2MP, 20x, ONVIF, H.264, 60m, 850nm

Mounting Options

Model	Description	
HMBM1288	Mounting bracket for wall, pole, inverted mounting for VSCS0198, VSCS0198, VSCS1282, VSCS1284	

Specification

| Model	VSCS1293
Camera	
Image Sensor	1/2.8" type solid state Progressive Scan CMOS
Effective Pixel	2.14 megapixel
Video Format	HD:1080p/30, 1080p/25, 720p/30, 720p/25; SD:PAL/NTSC
Min Illumination	0.5 Lux (Lights Off); 0 .1Lux (Lights On)
Zoom	Optical: 20X; Digital: 12X
Lens	f=4.7mm~94mm, F1.6 to F3.5
View Angle	59.5° (wide) to 3.3° (tele)
White Balance	Auto
Focus	Auto / Manual
Exposure	Auto / Manual
S/N Ratio	Not less than 50 dB
BLC	On/Off
WDR	On/Off
Digital Noise Reduction	1-5 Steps / Off
Day / Night	Auto / Manual
PTZ	
Pan Range	360° Continuous
Pan Speed	0.1° ~ 60°/s, adjustable
Tilt Range	-15°~90° (Auto flip)
Tilt Speed	0.2° ~ 60°/s, adjustable
Preset Speed	Pan: 50°/s; Tilt: 50°/s
Preset	256
Preset Precision	±0.05°
IR Light	
Wave Length	850nm
Range	60m
Switch	Auto/Manual
Network	
Max. Image Resolution	1920 * 1080
Max. FPS	50Hz: 25fps (1920*1080) / 25fps (1280*720) ; 60Hz:30fps (1920*1080) / 30fps (1280*720)
Image Compression	H.264 baseline profile
Audio Compression	ACC
Protocols	Ipv4, HTTP, HTTPS, 802.1x, QoS, FTP, SMTP, UPnP, SNMP, DNS, DNS, NTP, RTSP, RTP, TCP, UDP, ICMP, DHCP, PPPOE
No.of Users Access	Up to 10
Dual Stream	Support
Interface	
Audio In	One channel in, line input, audio peak: -2.4V[p-p]; output impedance: 1 kΩ ± 10%
Audio Output	One channel out, impedance: 600Ω
Ethernet Interface	RJ45, 10/100M
Comm. Interface	RS-485
General	
OSD	English
Address	0~255
Comm. Protocol	PELCO-P / PELCO-D (self-adaptive)
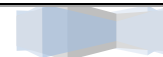
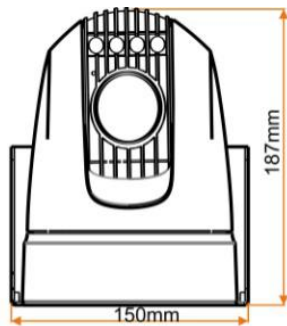|	
Baud Rate	2400bps, 4800bps, 9600bps, 19200bps (self-adaptive)
Voltage	DC 9 ~ 36V
Power	<0.5W (Standby); 20W (Max)
Working Temperature.	-35°C ~ +65°C
IP Index	IP66
Dimension	Standard (Without Damper): Φ136(mm)×185(mm)
Weight	Standard (Without Damper): 2.1(±0.2)kg;

Dimensions
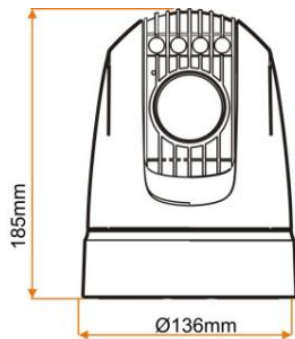
Standard
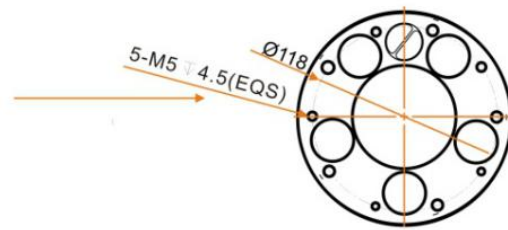
Bottom View

Optional: Wall Mount