

Features

- **2MP Resolution**  
All models are offered with 2MP, 1080P resolution at up to 30 fps.
- **10x Optical, 32x Digital Zoom**  
Cost effective Indoor and Outdoor with 10x Optical and 32x Digital zoom.
- **Common Firmware**  
In addition to these two 10x 2MP models, Patronus labs offers 4 other 2MP PTZ cameras (20x & 30x models, with and without IR) that share the same firmware and Internet Explorer configuration pages, etc. reducing training and software compatibility concerns with ONVIF 2.4 Profile S compliant VMS systems.
- **No blind spots**  
Continuous 360° Pan Rotation and 180° tilt provides unhindered directional tasking.
- **Weather Resistant**  
Outdoor models are IP65 and IP66 compliant weather resistant facilitating installation in most remote security applications, under the harshest environmental conditions.
- **ONVIF**  
All cameras are ONVIF 2.4 compliant for use with any ONVIF 2.4 compliant Network Video Recording Software Solution.
- **Internal Storage**  
Micro SD slot for internal storage.
- **Alarm**  
Built-in Alarm input and Relay output to trigger recording from external sensor and control external devices (lights, siren, etc.)
- **Audio**  
Audio Input and Output enables two-way communications via IP Camera.
- **12VDC Power**  
Low wattage draw with a broad operating temperature range make this camera ideal for on grid and or off-grid surveillance solutions.

MINI DOME PTZ

Series

...From Patronus Labs



Overview

**Patronus Labs MINI DOME PTZ** offers installers and end users a high resolution 10x optical zoom compact and economical PTZ camera for indoor and outdoor applications. Both models are 2MP, 1080P, HDTV resolution with weather protection ratings. The firmware used in the 10x models is the same as is used in our 20x and 30x zoom models. All models are available in 2.0MP and in addition to the HD quality optical zoom of the lens offer 32x digital zoom for super long range observation of distant targets of interest.

The full range of mounts enable indoor and outdoor mounting on walls, ceilings, corners, poles and recessed ceiling mounts.

**ONVIF 2.4 Profile S** compliance means our cameras are compatible with most modern VMS and PSIM solutions.

Only by **PATRONUS LABORATORIES**.

PRODUCT IDENTIFICATION CHART

Division	Category	
Access Control	Camera, Board	IR Illuminator
Computer Components	Camera Bullet	JoyStick
Fixed Platform	Camera, Dome	Lens, Board
Housings/Mnts/Enclosures	Camera, Mini	Lens, C/CS Mount
Mobile Platform	Cam, Professional	Recorder, Embedded
Power Gen./Storage	Camera, 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	



# DATA SHEET

Video Surveillance Division

Security Camera

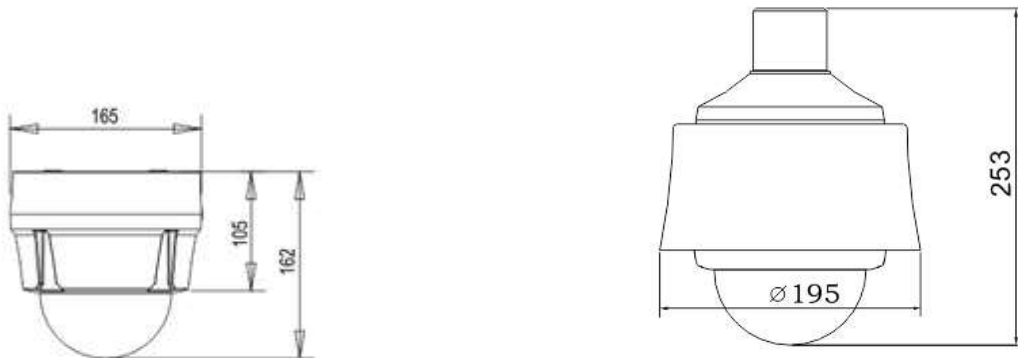
## Models

Part Number	Description
VSCE1258	10x, Indoor PTZ, IP65, 12VDC
VSCE1259	10x, Indoor/Outdoor PTZ, IP66, 12VDC

## Images



## Dimensions



Indoor

Outdoor



## Accessories

Part Number	Description
HMBM1280	10x Indoor, Recess Mount
HMBM1281	10x, Indoor/Outdoor Ceiling Mount
HMBM1266	All Models Corner Mount
HMBM1267	All Models Pole Mount



**Recess Mount(Indoor Only)**



**Ceiling Mount**



**Corner Mount**



**Pole Mount**

## Specifications

Model	VSCE1258	VSCE1259
Image Sensor	1/2.86" Panasonic CMOS Sensor	
Total Pixels	1956x1266	
Effective Pixels	1944x1213	
Zoom	10x Optical zoom, 32x digital zoom	
Focal Length	f=5.1--51mm	
Minimum Illumination	Color:0.5Lux, BW:0.1Lux; Color DSS:0.002Lux, BW DSS:0.001: Lux	
Day & Night	Active/Passive/Day/Night/Schedule	
Focus	Auto	
Iris	Auto / Manual	
Defog	Yes	
Shutter Speed	1/30(25)--1/100000sec.	
AGC	Off/On	
White Balance	Auto /Outdoor / Indoor/ATW/ Manual	
Mirror	None/Horizontal/Vertical/Horizontal & Vertical	
WDR	On/Off	
S/N	50 dB (AGC Off)	
Privacy Zone	8 privacy zone could be programmable	
Pan/Tilt Range	Horizontal 360 °(endless) / Vertical: 0-180° (Auto-flip)	



# DATA SHEET

Video Surveillance Division

Security Camera

Speed	Max. 360°/sec.	
Preset	254	
Tour	8	
Auto Scan	8	
Pattern	4(ten minutes)	
Privacy zone	8	
Group	8	
Schedule	16	
Auto Flip	On/Off	
Power Up Action	None/Last Action/preset/pattern/scan/group	
Other PTZ Functions	Parking Action	
Protocol	Pelco D/P	
Communication	RS-485	
Video Out	Service analog Video Out	
Audio In	1CH	
Audio Out	1CH	
Alarm In	2CH	
Alarm Out	1CH	
Network Connection	RJ-45, 10/100 Mbps Ethernet	
SD Card	64GB mini SD	
Codec Platform	High-performance TI Davinci DSP	
Video Compression	H.264, M-JPEG	
Video Codec	H.264 Baseline, Main profile, High Profile, MJPEG	
Audio Compression	G.711a/G.711u/RAW_PCM	
Video Bitrate	CBR(200-12000kbps), VBR, LBR	
Frame Rate	1080p @ 25fps/30fps	
Video Stream	Dual-stream: 1920x1080; 630x360	
Network Protocol	IPv4/IPv6, RTSP/RTP/RTCP, TCP/UDP, HTTP, DHCP, DNS, FTP, DDNS, PPPoE, SMTP, SNMP V1/V2, ONVIF2.4.1 Profile S.	
Alarm Trigger Event	Motion Detection, Alarm in, Schedule	
Dome Dimension	Φ165mm*162Hm	Φ195mm*253Hmm
Net Weight	1.7KG;	2.4 KG
Gross Weight	2.5KG(with ceiling bracket);	3.1KG(without bracket)
Working Temp.	-42°C to 55°C	
Working Humidity	0%~90% (Non-condensation)	
Fan	Start temp.: 45 degrees and 0 degrees	
Heater	Yes on at 0°C	
Power Supply	DC12V	DC12V
Power Consumption	DC12V: 21W Max.	
Waterproof Level	IP65	IP66
Certificate	CE,FCC	

## Compatible NVR Software



And many more ONVIF Compliant VMS and PSIM systems....

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