The PT Minidome is a full HD network security camera with ultra-compact lens technology. Ideal for indoor security in retail, education and business environments.

• Full HD at 30fps for clear, detailed images
• CMOS sensor delivers high performance in low light
• Wide angle F/1.6 Canon lens offers a 95.0° Angle of View
• Multi-streaming of MJPEG and H.264 video in Full HD or lower resolutions
• Direct recording / playback from microSD card (64 GB)
• Auto Smart Shade Control (Auto-SSC) applies the optimum exposure for every environment
• Motion Adaptive Noise Reduction and Area-Specific Data Size Reduction (ADSR) help reduce data size while optimising image quality
• Built-in analytics functions for intelligent and efficient alarm detection
• Live monitoring and configuration on supported web browsers and mobile devices
• ONVIF® Profile S compliant
• Compact size: just 120 mm in diameter and 54 mm in height
Technical Specifications

CAMERA

Image Sensor
1/3 type CMOS (primary colour filter)

Number of Effective Pixels
Approx. 2.1 million pixels

Scanning Method
Progressive

Lens
Fixed focal length lens (4x digital zoom)

Focal Length
2.7 mm

F-number
F/1.6

Viewing Angle
For 16:9 aspect ratios: Horizontal: 95.0° Vertical: 60.0°
For 4:3 aspect ratios: Horizontal: 76.0° Vertical: 60.0°

Day / Night Switch
Auto / Day Mode / Night Mode

Min. Subject Illumination
Day Mode (colour): 0.45 lux (F1.6, shutter speed 1/30 sec., SGC off, 50IRE)
Night Mode (monochrome): 0.25 lux (F1.6, shutter speed 1/30 sec., SGC off, 50IRE)

Shooting Distance (from front of lens)
0.5 m (1.6 ft.) – infinity

Shutter Speed
1/2, 1/4, 1/8, 1/15, 1/30, 1/60, 1/120, 1/250, 1/500, 1/1000, 1/2000, 1/4000, 1/8000, 1/16000 sec.

Exposure
Auto / Auto (Flickerless) / Auto (Flickerless2) / Auto (Shutter-priority AE)/Manual

White Balance
Auto/Manual
Daylight Fluorescent/White Fluorescent/Warm Fluorescent/
Mercury Lamp/Sodium Lamp/Halogen Lamp
Manual One-shot WB/B Gain/B Gain

Center-Weighted / Average / Spot

Progressive
Input x 1, Output x 1

Audio Compression Method
0.711 law (64 kbps)

Audio Communication Method
Audio Reception Only

Privacy Mask
Number of registration: Max. 8 places, Number of mask colours: 1 (select from 9 colours)

View Restriction
Available

Number of registers: Max. 64 positions (+Home Position)

Intelligent Function

Video:
Moving Object Detection, Abandoned Object Detection, Removed Object Detection, Camera Tampering Detection,
Passing Detection, Intrusion Detection

Detection Settings: Max. 15
Non-detection Area Settings: Available
Audio:
Volume Detection, Scream Detection

Event Trigger Type
External Device Input, Intelligent Function (Video), Intelligent Function (Audio), Timer, Day/Night Mode Switching

Number of Linked Events: 2
Linked Event Conditions: OR, AND (whether or not there is a sequence to events)

Image Upload
FTP / HTTP / SMTP (e-mail)

Event Notification
HTTP / SMTP (e-mail)

On-Screen Display
Available (English only)
- The following languages require the use of the On-Screen Display Assist Tool.
German/Spanish/French/Italian/Polish/Russian/Turkish/Korean/Chinese (Simplified) /Japanese

Daylight Saving Time
Available

APPLICATION

Viewer
Camera Viewer
Mobile Camera Viewer

Camera software
Camera Management Tool
Recorded Video Utility
On-Screen Display Assist Tool

Language
German/English/Spanish/French/Italian/Polish/Russian/Turkish/Korean/Chinese (Simplified) /Japanese

INTERFACE

Network Terminal
LAN x 1 (RJ45, 100Base-TX (auto / full-duplex / half-duplex))

Audio Input Terminal
(common for LINE IN & MIC IN)

Audio Input Terminal
Microphone 1/8 (0.14 in.) mini-jack connector (monaural)

Audio Compression Method
For 16:9 aspect ratios:  Horizontal: 95.0°

Audio Communication Method
ONVIF Profile
Profile-1

Audio Compression Method
JPEG, H.264: 10 levels

Audio Communication Method
Audio Reception Only

Protocol

ONVIF Profile
Profile-S

Protocol
IEEE 802.11X
EAP-MD5, EAP-TLS, EAP-TTLS, EAP-PEAP

Power Consumption
Max. 7.6 W
- Internal screen (standing measurement): Max. 7.6 W

Power Supply
PoE: PoE power supply via LAN connector (IEEE802.3at Type compliant)
Power Consumption
Max. 7.6 W
- Internal screen (standing measurement): Max. 7.6 W

Dimensions
(Φ x H) 91 x 54 mm (3.6 x 2.15 in.)
- excluding projections

Weight
Approx. 270 g (0.6 lb)

International Standard
EN55032 Class B, FCC part15 subpart B Class C, IEC-603-033 Class B, VCCI Class B, RCM AS/NZS EN55032 Class B, EN55024, EN50581

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All data is based on Canon standard testing methods except where indicated.
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English edition
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Smart, Full HD PT Minidome camera in an ultra-compact body.

The PT Minidome is a full HD network security camera with ultra-compact lens technology. Ideal for indoor security in retail, education and business environments.

Sales Start Date: Q1, 2018

Product Details:

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What’s in the box?

- VB-S31D Mk II Main Unit
- Installation guide & template
- Safety wire & screw
- Warranty Card
- Before Using this Camera
- EAC-Supported Guide