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4MP Indoor/ Outdoor Varifocal Turret Camera
Data Sheet

ADC-VC838PF

Specifications

Supported resolutions: 2688x1520*, 1920x1080, 1280x720, 640x360

Local recording: SVR and Onboard Recording**

Image sensor: 1/2.7" progressive scan CMOS)

Lens & Field of view: 3.2 mm (W) - 9.8 mm (T), F1.8 - F3.3, 116° to 34°

Iris: P-iris

Remote varifocal control: Focal length, manual focus adjustment, autofocus

Low-light sensitivity: 0 lux with IR

IR range: Up to ~95 feet (30 meters)

Image adjustments: Flip, brightness, contrast, saturation, sharpness, exposure

Ethernet connection: 10/100 Mbps RJ-45

Operating temperature: -22°F to 122°F (-30°C to 50°C)

Operating humidity: 20% - 100% non-condensing RH

Power: 12 VDC ± 10% or PoE (802.3af)

Dimensions (DxH): 5.4 x 3.8" (13.8 x 9.7 cm)

Weight: 13.3 oz (376.5 g)

Ingress protection: IP66

Compliance: FCC, IC, C-Tick, CE Class B, UL, RoHS, WEEE

*4MP recording only supported on Commercial SVR..

Overview

The VC838PF is a PoE turret camera with a motorized varifocal lens, offering greater installation flexibility in indoor and outdoor environments and allowing users to remotely widen and narrow the camera's field of view without any loss of quality. As part of the commercial Pro Series line, the camera enables intelligent analytics for object detection and business activity tracking. In addition to cloud clip storage, the VC838PF supports 24/7 recording to an optional onboard microSD card and/or the Commercial-Grade Stream Video Recorder (CSVR126).

Features

- 4MP HDR video*
- Business Activity Analytics
- Onboard Recording with Smart View
- Video Analytics with Object Detection
- Power over Ethernet
- IR night vision
- IP66-rated waterproof & dust-tight

Included accessories

- Camera
- Mounting hardware
- Torx wrench
- Water-resistant cap

Business Activity Analytics

Occupancy + People Counting - Measure occupancy and foot traffic. Receive a notification when real-time occupancy reaches a specified threshold.

People Counting - Measure foot traffic through a certain area. Count how many people cross a virtual line in one direction.

Queue Monitoring - Monitor people waiting in line. Receive a notification when the number of people in line or average wait time reaches a specified threshold.

Crowd Gathering - Monitor large groups. Receive a notification when the crowd size reaches a specified threshold.

Heat Mapping - Visualize where people spend the most time within an area during a specified date and time range using a heat map.

Onboard Recording with Smart View

Record encrypted, 24/7 HD footage locally on the camera with a microSD card. View live and recorded video on the Alarm.com customer website and mobile app from anywhere, using the Smart View video timeline to search for important events such as person detected or door accessed, and jump straight to the corresponding footage.

Approximate days of recording:

Recording Quality	32 GB	64 GB	128 GB	256 GB
1920x1080 30 FPS	1 Day	2 Days	5 Days	10 Days
1920x1080 15 FPS	2 Days	4 Days	7 Days	15 Days
1280x720 10 FPS	4 Days	7 Days	15 Days	29 Days
640x480 10 FPS	7 Days	15 Days	29 Days	59 Days

Recording days cannot be guaranteed and will vary depending on the amount of motion in the scene.