1080p Indoor/Outdoor Dome Camera (ADC-VC827P) - Data Sheet

INCLUDES GRAY COVER

Overview

The VC827P is a PoE dome camera designed for use in indoor and outdoor environments. The camera comes with a dark gray cover that can be optionally attached to change the appearance of the camera for aesthetic purposes. 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 ADC-VC827P supports 24/7 recording to an optional onboard microSD card and/or the Commercial-Grade Stream Video Recorder (CSVR126).

Features

- Power over Ethernet
- IR night vision
- Onboard Recording with Smart View
- Video Analytics with Object Detection
- 1080p WDR and HDR video
- IP66-rated waterproof & dust-tight

Included accessories

- Camera
- Dark Gray Cover
- Mounting hardware
- Torx wrench
- Water-resistant cap
- Cloth

Specifications

Supported resolutions	1920x1080, 1280x720, 640x360
Local recording	Select microSD cards*
Image sensor	1/2.7" Progressive Scan CMOS
Lens and field of view	2.8 mm, F1.6, 111°
Angle adjustment	Pan: 0° to 350°; Tilt: 0° to 55°; Rotation: 0° to 180°
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), 9.5 W
Dimensions	(W x H) 4.1 x 3.1" (103.5 x 78 mm)
Weight	376.5 g
Ingress protection	IP66
Impact protection	IK9
Planned compliance	FCC, IC, C-Tick, CE Class B, UL

*Note: Alarm.com recommends using SanDisk High Endurance, Micron Industrial, or WD Purple microSD cards. These

cards have been vetted by Alarm.com and are designed for long-term surveillance usage.

Business Activity Analytics (in beta)

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 website and mobile app from anywhere, using the SmartView 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	32GB	64GB	128GB	256GB
640x480 10FPS	7 Days	15 Days	29 Days	59 Days
1280x720 10FPS	4 Days	7 Days	15 Days	29 Days
1920x1080 15FPS	2 Days	4 Days	7 Days	15 Days
1920x1080 30FPS	1 Day	2 Days	5 Days	10 Days