

8MP Varifocal Dome Camera

ADC-VC8498PA
DATA SHEET



PRISM SERIES

Specifications

Max. Resolution: 3840 x 2160 (8MP)

Field of View:

Horizontal: 110.4° ~ 45.1°
Vertical: 57.9° ~ 25.4°
Diagonal: 133.9° ~ 51.8°

Range of Motion:

Pan: 350° / Tilt: 80° / Rotation: 350°

Image Sensor:

1/1.8" SONY STARVIS 2 CMOS

Minimum Illumination:

0.02 lux @ F1.6 (Color)
<0.005 lux @ F1.6 (B/W)
0 lux with IR on

Two-Way Audio:

Full Duplex with Built-in Mic;
Line-Level Input/Output via
Optional Accessory Cable

Power Requirements:

IEEE 802.3af PoE
Max. 12.4 W (IR on) / 9.6 W (IR off)

Network:

10/100 Mbps Ethernet (RJ-45)

Built-in IR: 40m Range

Operating Temperature:

-35 °C to 60 °C (-31 °F to 140 °F, IR off)
-35 °C to 50 °C (-31 °F to 122 °F, IR on)

Humidity:

Up to 98% RH (non-condensing)

Dimensions: Ø 134 x 116 mm

Weight: 990 g

Protection: IP66, IK10, NEMA 4X

Overview

The Prism Series 8MP Varifocal Dome Camera secures properties day and night. Ultra HD resolution captures every detail, while VividNight™ technology delivers clear color video in low light. Proactive Video Deterrence with two-way audio helps prevent incidents before they escalate. Fully integrated with Alarm.com for Business, the Prism Series Dome provides reliable, high-performance video security.

Benefits

- Capture critical details with 8MP Ultra HD resolution
- Maintain visibility day and night with VividNight™ technology for color footage in low-light conditions
- Enhance awareness with integrated video analytics
- Strengthen response with proactive deterrence, including two-way audio via external I/O options
- Simplify installation with Power over Ethernet (PoE) connectivity
- Meet compliance requirements with NDAA-approved hardware
- Fully integrated with the Alarm.com for Business unified platform
- Ensure reliable operation in outdoor environments with rugged housing rated IP66, IK10, and NEMA 4X