

Prism Series Cameras - Data Sheet comparison table

Using the interactive comparison table[^]

Table Key

different	values	values
same values	same values	same values

- Rows with values that are different across any of the selected devices will have blue borders
- Rows with values that are the same across all selected devices will have green borders

Hiding rows with all matching values

If you are only interested in viewing differences between devices, click the **Hide same** toggle switch to hide rows where all selected devices have the same value. This makes it easier to compare differences across selected models.

Example: Three devices are selected for comparison.

- If two of the three devices have the same value for a given row, that row will have blue borders to indicate the values are not matching across all selected devices.
 - If you click **Hide same**, this row will remain visible since not all values are matching.
- If all three devices have the same value for a given row, that row will have green borders and the row cells will be grayed out to indicate the values are matching across all selected devices.
 - If you click **Hide same**, this row will become hidden since all values are matching.

Prism Series Cameras interactive data sheet comparison

Cameras	VC7398PA	VC8498PA	VC8498P	VC8295P
Image				
Max resolution	3840 x 2160 (8MP)	3840 x 2160 (8MP)	3840 x 2160 (8MP)	2560 x 1920 (5MP)
Image sensor	1/1.8" SONY STARVIS 2 Progressive CMOS	1/1.8" SONY STARVIS 2 Progressive CMOS	1/1.8" SONY STARVIS 2 Progressive CMOS	1/1.8" SONY STARVIS 2 Progressive CMOS
Focal length	4.3-9.8mm	4.3-9.8mm	4.2mm	2.8mm
Aperture	F1.6-2.6	F1.6-2.6	F1.6	F2.0
Field of View (H)	110.4° - 45.1°	110.4° - 45.1°	110.74°	103.4°
Range of motion	Tilt: 80° Rotation: 350°	Pan: 350° Tilt: 80° Rotation: 350°	N/A	N/A
Remote varifocal control	Focal length, manual focus adjustment, autofocus	Focal length, manual focus adjustment, autofocus	N/A	N/A
Iris	P-iris	P-iris	Fixed iris	Fixed iris
Low-light sensitivity	0.02 lux @ F1.6 (Color)	0.02 lux @ F1.6 (Color)	0.02 lux @ F1.6 (Color)	0.02 lux @ F1.6 (Color)
	<0.005 lux @ F1.6 (B/W)	<0.005 lux @ F1.6 (B/W)	<0.005 lux @ F1.6 (B/W)	<0.005 lux @ F1.6 (B/W)
	0 lux with IR on	0 lux with IR on	0 lux with IR on	0 lux with IR on
IR range	Up to ~131 feet (40 meters)	Up to ~131 feet (40 meters)	Up to ~131 feet (40 meters)	Up to ~98 feet (30 meters)

Cameras	VC7398PA	VC8498PA	VC8498P	VC8295P
Image adjustments	• Flip • brightness • contrast • saturation • sharpness • exposure	• Flip • brightness • contrast • saturation • sharpness • exposure	• Flip • brightness • contrast • saturation • sharpness • exposure	• Flip • brightness • contrast • saturation • sharpness • exposure
Ethernet connection	10/100 Mbps (RJ-45)	10/100 Mbps (RJ-45)	10/100 Mbps (RJ-45)	10/100 Mbps (RJ-45)
Operating temperature	IR off: -30 to 50°C (-22 to 122°F) IR on: -30 to 50°C (-22 to 122°F)	IR off: -30 to 50°C (-22 to 122°F) IR on: -30 to 50°C (-22 to 122°F)	IR off: -30 to 50°C (-22 to 122°F) IR on: -30 to 50°C (-22 to 122°F)	IR off: -30 to 50°C (-22 to 122°F) IR on: -30 to 50°C (-22 to 122°F)
Operating humidity	Up to 98% RH (non-condensing)	Up to 98% RH (non-condensing)	Up to 98% RH (non-condensing)	Up to 98% RH (non-condensing)
Input voltage	IEEE 802.3af PoE	IEEE 802.3af PoE	IEEE 802.3af PoE	IEEE 802.3af PoE
Power consumption	Day - IR off: 9.6W Night - IR on: 12.4W	Day - IR off: 9.6W Night - IR on: 12.4W	Day - IR off: 9.6W Night - IR on: 12.4W	Day - IR off: 6.0W Night - IR on: 8.5W
Dimensions	Ø 3.62 x 10.18" (9.2 x 25.85cm)	Ø 5.28 x 4.57" (13.4 x 11.6cm)	Ø 5.28 x 4.57" (13.4 x 11.6cm)	Ø 4.61x3.53" (11.72x8.96cm)
Weight	2.3 lbs (1.04 kg)	2.18 lbs (990g)	2.1 lbs (960g)	1.2 lbs (550g)
Ingress protection	IP66, IP67	IP66, NEMA 4X	IP66, NEMA 4X	IP66

Cameras	VC7398PA	VC8498PA	VC8498P	VC8295P
Impact protection	IK10	IK10	IK10	IK10
Local Recording	SVR and Onboard Recording	SVR and Onboard Recording	SVR and Onboard Recording	SVR and Onboard Recording
Two-Way Audio	Full-Duplex with built-in microphone and line-level input/output External speaker installation required	Full-Duplex with built-in microphone External speaker installation required	Full-Duplex with built-in microphone External speaker installation required	Incompatible Note: The ADC-VC8295P does not support external or internal audio connections.
External speaker connection	Input/Output: • 3.5mm unbalanced mono female TRS connector • Tip: Mono line-level audio • Ring: Same mono line-level audio as Tip • Sleeve: Ground	Input/Output: • 3.5mm unbalanced mono female TRS connector • Tip: Mono line-level audio • Ring: Same mono line-level audio as Tip • Sleeve: Ground Note: External audio requires use of the ADC-VACC-AO-015 (sold separately)	Input/Output: • 3.5mm unbalanced mono female TRS connector • Tip: Mono line-level audio • Ring: Same mono line-level audio as Tip • Sleeve: Ground Note: External audio requires use of the ADC-VACC-AO-015 (sold separately)	Incompatible
Compliance	FCC, IC, RCM, CE Class B, UL, Compliant with Section 889 of the NDAA*	FCC, IC, RCM, CE Class B, UL, Compliant with Section 889 of the NDAA*	FCC, IC, RCM, CE Class B, UL, Compliant with Section 889 of the NDAA*	FCC, IC, RCM, CE Class B, UL, Compliant with Section 889 of the NDAA*

***Note:** Accurate as of November 25th, 2025. Visit [Alarm.com > Legal > NDAA Statement](https://www.alarm.com/legal/ndaa-statement) for the most current information.