

VISTA 2.9-8.2MM LENS RANGE



THE NEW GENERATION OF LENSES

Thanks to improvements in lens optics manufacturing, Vista can now offer a range of lenses with a greater variation in angle of view and a faster iris. This new generation of lenses increases flexibility and performance in most static CCTV applications, allowing superior images to be achieved.

The increased speed of lens allows twice as much light into the camera as previously possible, improving low light performance. The fast f-stop enables operators to achieve better images, even in low lighting conditions. Because the lenses have a very wide focal length, they can be adjusted to a new field of view without the need to be replaced.

To learn more about this product range please visit us at vista-cctv.com



Key Features:

Wider angle of view

70.7°-26.3° with a 2.9-8.2mm focal distance

Better low light performance

f1.0 allows a large amount of light to pass through the lens, increasing camera performance in low light conditions

Locking screws

Prevents focus and zoom shift, ensuring image quality is maintained even over long periods or where vibration might occur, for instance, near doorways

Glass optics

Superior image quality and reduced distortion, especially when compared to plastic alternatives

THE PROFESSIONAL CHOICE

MODEL NUMBERS IN THIS RANGE:

VM29V821P	1/3" 2.9-8.2mm MI CSmnt F1.0
VDD29V821P	1/3" 2.9-8.2mm DD CSmnt F1.0 plugged 150mm lead
VA29V821P	1/3" 2.9-8.2mm AI CSmnt F1.0 plugged 150mm lead
VA29V821	1/3" 2.9-8.2mm AI CSmnt F1.0

TECHNICAL SPECIFICATION

OPTICAL SPECIFICATIONS

Focal Length	2.9mm-8.2mm
Maximum Aperture Ratio	1:1.0
Iris Range	F1.0-F3.60
Maximum Image Format	4.8x3.6mm (D 6mm)
Angle of View	1/3"
	Diagonal 133.9° to 44.2°
	Horizontal 98.3° to 35.2°
	Vertical 70.7° to 26.3°
Minimum Object Distance	50cm in front of lens

MECHANICAL SPECIFICATION

Focus	Manual control
Zoom	Manual control
Iris	Manual control or auto iris galvanometer

POWER CONSUMPTION

Maximum	20mA (approx)
Nominal	11mA (approx)

ENVIRONMENTAL

Operating temperature range	-10°C to 50°C
Operating	0% - 80% (non-condensing)

PHYSICAL

Mount	CS mount
Back focal length	14.0 - 7.8mm
Flange back length	12.5mm
Effective lens aperture	Front Ø 18.8mm; rear Ø 9.0mm
Colour	Black
Dimensions	45.2x46.6x40.6mm (LxWxH)
Lead length	150mm
Window size	Ø18.8mm
Weight	47g



No liability will be accepted by Vista for any errors or omissions in this information.

DS-DS-Lens-version1