

Varifocal lens for box cameras with autoiris

NSA-LA3080-13M
NSA-LA2812-20M
NSA-LA5050-20M

-  Varifocal lens
-  **All-metal** housing
-  **1.3MP/2.0MP** resolution
-  **Wide angle**
-  **DC** auto iris control
-  **F1.4** aperture ratio

Product overview

Nexxt Solutions introduces its line of CCTV video **lenses for box cameras**. These varifocal lenses have a maximum resolution from 1.3MP to 2.0MP, and can be easily integrated with standard 1/3-inch box cameras with a CS mount type. These lenses are made of exceptional materials, including a full-metal casing and threads. This characteristic is superior over lenses with plastic bodies and threads as they tend to easily strip, break, and become stuck on the camera. This lens is directly powered from the box camera, permitting the auto iris feature to maintain the optimal level of lighting for the image sensor in order to generate a sharp and vivid image.

Product highlights

- Varifocal lens available in 2.8-12mm, 3-8mm and 5-50mm
- HD resolutions of 1.3MP and 2.0MP
- Metal housing and threads
- Wide angle
- Telephoto long focal
- Compatible with CS mount cameras or lens adapters
- F1.4 and F1.6 aperture ratios
- DC auto iris control



1. Auto-iris lens plug
2. Lens type stamp
3. Focus lever
4. Zoom lever
5. Lens protective cap

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www.nexxtsolutions.com

Specifications

MPN	NSA-LA3080-13M	NSA-LA2812-20M	NSA-LA5050-20M
Lens			
Focal length	3-8mm	2.8-12mm	5-50mm
Resolution	1.3MP		2.0MP
Aperture range		F1.4	
Lens mount		CS	
Format		1/3 inch	
Minimum operating distance		0.2m	
Back focal distance		6.5mm	7.7mm
Coil resistance		190 ohms	
Application		Within 98.42ft	Within 196.85ft
Dimensions	Φ1.3x1.7in	Φ1.3x1.9in	Φ1.7x2.9in
Weight	0.11lb	0.13lb	0.33lb
Angle of view			
1/2 inch	Wide: 91.5°x75.2° Tele: 40.5°x31°	Wide: 103°x74.4° Tele: 30.8°x23.3°	Wide: 52.3°x38.5° Tele: 7°x5.4°
1/3 inch	Wide: 75.2°x64.4° Tele: 31°x34°	Wide: 81°x74.4° Tele: 28°x21.2°	Wide: 48°x36°x58.5° Tele: 6.8°x4.8°x8°
Operation			
Zoom		Manual	
Focus		Manual	
Iris control		DC auto	
Additional information			
Housing		Metal and ABS plastic	
Color		Black	
Power supply		3.5V	
Power consumption		4V/22mA	
Operating temperature		14°F-140°F	
Storage temperature		-4°F-176°F	
Operating humidity		90% or less (non-condensing)	
Warranty		One year	