

UA-CB550F3 5MP Super Low Lux Full Color IR Bullet Camera



- 1/2.7" progressive scan CMOS sensor
- Full color smart warm LED
- IR distance up to 30 m (100 ft)
- Built-in microphone
- Ingress protection (IP66)
- 4 in 1 (TVI / AHD / CVI / CVBS)

UA-CB550F3 is an outdoor, 5 MP HD Analog Camera with an automatic IR-cut filter. It is built in 2 IR LEDs and 2 full-color warm LEDs to enhance the accuracy of day and night surveillance. The IR illumination can reach up to 30 m (100 ft) while the warm LED is up to 20 m (65 ft). The camera adheres to IP66 standards and supports a 4-in-1 video output (TVI / AHD / CVI / CVBS). Integrated with USA Vision Standalone Video Recorder (UA-XVL810, UA-XVL1610 and UA-XVR810), it supports real-time alert, event playback and more.

Specifications

Video		
Imaging Device	1/2.7"	
Scanning System	Progressive CMOS	
Min. Illumination	Color	0.05 Lux @ F1.0 (AGC ON)
	B/W	0 Lux
	IR ON	0 Lux
Video Output	TVI / AHD / CVI / CVBS	
Lens Type		
Lens Type	Fixed	
Focal Length (Zoom Ratio)	3.6 mm	
Maximum Aperture	F/1.0	
Mount	M12	
Field of View	Horizontal: 88.1°, Vertical: 47.5°, Diagonal: 104.1°	
Operation	Focus	Fixed
	Zoom	Fixed
	Iris	Fixed
Operational		
Resolution	5 MP: 2592 (H) x 1944 (V)	
Max. Frame Rate	AHD / TVI: 5 MP@20fps AHD / CVI / TVI: 4 MP, PAL@25fps, NTSC@30fps CVBS: 960H	
IR LED Quantity	2 IR LEDs	
Max. IR Distance	30 m (100 ft)	
Warm LED Quantity	2 warm LEDs	
Max. Warm LED Light Distance	20 m (65 ft)	
Day/Night Mode	Color / B & W / EXT	
Backlight Compensation	Off / User BLC	
Digital Noise Reduction	2D DNR	
Gain Control	Auto	
White Balance	ATW	

Flip/Mirror	Flip / Rotate / Mirror	
Image Setting	Exposure Mode, AGC, Day & Night Mode, Image Mode, AWB, Bright, Contrast, Saturation, Sharpness, NR (2D Noise Reduction), Flip, Mirror, Rotate, Reset	
Language	English / Spanish / French / Japanese	
Mechanical		
Camera Angle Adjustment	Pan	0° ~ 360°
	Tilt	0° ~ 90°
	Rotate	0° ~ 360°
Connectors	Power	DC jack
	Video Output	1 channel BNC
	Audio	1 in (built-in microphone) * The built-in microphone is only activated in TVI video output.
General		
Operating Conditions	-30 ~ 55°C (-22°F ~ 131°F) / less than ≤ 95% RH	
Storage Conditions	-30 ~ 60°C (-22°F ~ 140°F) / less than ≤ 95% RH	
Power Source	12V DC, 1A	
Power Consumption	IR OFF ≤ 1W, IR ON ≤ 4.5W	
Color/Material	Metal	
Dimension (L × W × H)	151.3 x 74.1 x 74.1 mm (5.96" x 2.91" x 2.91")	
Weight	350 g (0.77 lb)	
Ingress Protection	IP66	
Regulatory	FCC, RoHS compliant	

Note: Product design and specifications are subject to change without notice.

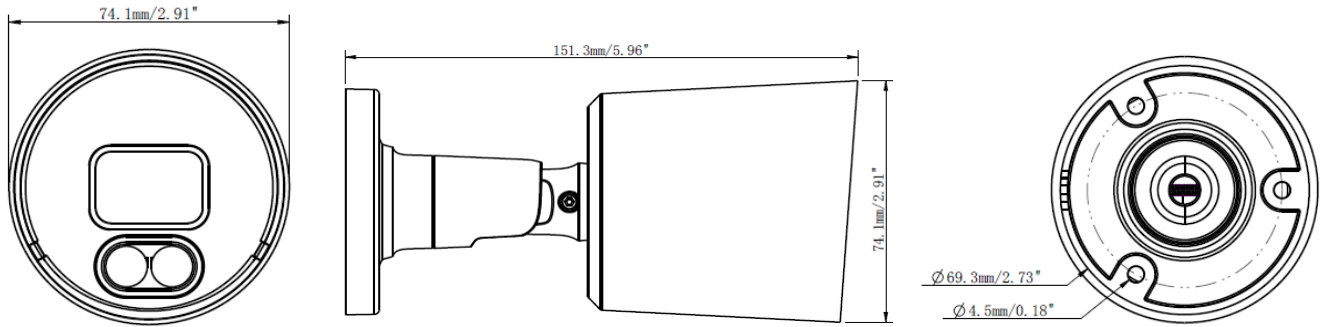
USA Vision Products Supported

- Standalone Video Recorder: UA-XVL810 / UA-XVL1610 / UA-XVR810



Packing List

1. UA-CB550F3
2. Screw Kit
3. Drill Template Paster
4. Torx Wrench S2.5 mm
5. Download Guide

Dimensions



Accessories

Model No.	Name		Details
UA-Mount505	Wall Box Mount		Dimensions: $\varnothing 100.5 \times 56\text{ mm}$ ($\varnothing 3.96" \times 2.2"$) Weight: 0.46 kg (1.01lb)
UA-Mount922	Power Box Mount Bracket		Dimensions: $\varnothing 148.00\text{ mm}$ ($\varnothing 5.83"$) Weight: 180 g (0.4 lb)