



TIME LAPSE CAMERA

This simple, standalone solution captures the full story of your job site—start to finish. Housed in a compact, weather-resistant enclosure, our time-lapse camera is designed for easy mounting and minimal footprint.

A valuable add-on to any construction or development site, this system offers both a 24-hour rolling playback and a full-duration time-lapse feed. It can be powered by standard 120V or configured for solar operation, giving you flexibility in remote or urban environments. Use it for marketing, documentation, or as a reliable visual record of your project's progress.



WEB BASED ACCESS

Easily view your time-lapse footage anytime from any device—no special software required.



TWO VIDEO FEEDS

Access both a rolling 24-hour view and a full start-to-finish timeline of your project.



TIME STAMPED FRAMES

Every frame is time-stamped for easy reference, perfect for documenting progress or resolving disputes.



SHAREABLE WITH CLIENTS

Provide stakeholders and clients with their own login to view or download project updates anytime.



FLEXIBLE POWER OPTIONS

Runs on 120V power or solar—ideal for both urban builds and remote job sites.

SPECIFICATIONS

- 120V or Solar Power Options
- Web-Hosted Viewing Interface
- Rolling 24-Hour & Full-Duration Feeds
- Time-Stamped Footage for Easy Reference
- HD Camera with Wide-Angle Lens
- Weather-Resistant, Low-Profile Enclosure
- Multiple Mounting Options: Pole, Wall, or Unistrut
- Remote Access from Any Device
- Footage Downloadable Anytime

CAMERA SPECIFICATION

- 8MP Resolution (4K UHD)
- Fixed Iris Lens
- 3.3–12mm Autofocus Varifocal Lens
- Up to 100 ft IR Night Vision
- NDAA Compliant Hardware

SOLAR CONFIGURATION

- 200W Monocrystalline Solar Panel (1x)
- 200Ah Lithium-Ion Battery (1x)
- Victron Smart Battery Charger



AVYCON[®]

DIMENSIONS:

- Length: 40"
- Width: 17"
- Height: 10"
- Weight: 32 lbs.

DESCRIPTION	AVC-BHN81AVT
Image Sensor	1/2.5" CMOS
Image Resolution	3840 × 2160
Electronic Shutter	1/25 s ~ 1/100,000s
Auto Iris	Fixed Iris
Min. Illumination	0.01Lux @F1.2, AGC On; 0Lux with IR
Lens	3.3 ~ 12mm MP Motorized Auto-focus Lens (ICR)
Viewing Angle	Horizontal View Angle: 97.5° ~ 38.5°
Lens Mount	Ø14
Angle Adjustment	Any angle
IR Distance	100ft.*
Day & Night	True
Wide Dynamic Range	Digital WDR
Backlight Compensation (BLC)	Yes
HLC	Yes
Defogging	Yes
Digital NR	2D / 3D DNR
Image Setting	ROI, Saturation, Brightness, Chroma, Contrast, Wide Dynamic, Sharpen, NR, etc. Adjustable through client software or web browser
Video Compression	H.265 MP; H.264 BP / MP / HP; MJPEG
Resolution	8.4MP (3840 × 2160), 1080P (1920 × 1080), 720P (1280 × 720), D1, CIF, 480 × 240
Multi-Stream	60Hz : 8MP (1 ~ 30fps) / 1080P (1 ~ 30fps) / 720P (1 ~ 30fps) 50Hz : 8MP (1 ~ 25fps) / 1080P (1 ~ 25fps) / 720P (1 ~ 25fps)
Bit Rate	64Kbps ~ 16Mbps
Encode Mode	VBR / CBR
Encode Quality	Five Levels under VBR; Freely Adjustable under CBR
ROI	Each ROI to be configured separately
Audio Compression	G711A / U
Network	RJ45 × 1, 10M / 100M Self-Adaption
Video Output	CVBS (BNC × 1)
Audio	MIC In × 1, MIC Out × 1
Alarm Input	1 CH
Alarm Output	1 CH
RS-485	Yes
Network Protocol	TCP/IP, UDP, DHCP, NTP, RTSP, PPPoE, DDNS, SMTP, FTP
Connection Protocol	ONVIF, GB-T / 28181-2011
Remote Monitoring	Internet Explorer, CVMS, Mobile CVMS
Online Connections	Max.10 Online Users
Storage	Network Remote Storage
Smart Alarm	Motion Alarm, Sensor Alarm
Video Analytics	Object Removal Detection, Line Crossing Detection and Intrusion Detection, etc.
PoE	Yes
Power Supply	DC 12V / PoE
Power Consumption (IR On)	< 8W
Power Consumption (IR Off)	< 4.5W
Operating Environment	-22°F ~ 140°F (-30°C ~ 60°C), 10% ~ 90% Relative Humidity
Weatherproof Rating	IP66
Dimensions	Ø4.3" × 11.2" (Ø108.9mm × 283.9mm)
Weight	2.45lbs