

AVS-ID1

2 Megapixel HD-AVS LPR Bullet Camera

License Plate Recognition - now simpler than ever.

The AVS-ID1 is a 2 Megapixel Bullet camera with a motorized 5-50mm lens, specifically designed for license plate recognition.

This camera utilizes a 1/3" Panasonic CMOS sensor in tandem with a dual array of IR LED's, for both short and long range. The exposure of this camera is configured to provide a B/W image for both day and night time, allowing maximum illumination of the desired license plate. It is capable of capturing license plates at distances of up to 45', at speeds of up to 30 miles per hour.

Like all HD-AVS cameras, the AVS-ID1 requires an HD-AVS recorder for proper control and video output.



FEATURES

- 1/3" 1080p Panasonic CMOS Sensor
- Max. 50' / 15 m Recognition Distance (Max. 30 mph / 50 kph)
- 5 ~ 50mm Vari-focal Lens
- 12V DC, IP66

Revision: 1.0; April 2017

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SPECIFICATIONS

Camera	
Signal System	HD-AVS
Pickup Device	1/3"(D-6mm) 2.12M Panasonic CMOS Sensor
Scanning System	Progressive Scan (16:9)
Sync. System	Internal
Total Pixels	2.47MP / 1956 (H) × 1266 (V)
Active Pixels	2.12MP / 1944 (H) × 1092 (V)
Min. Illumination	0Lux (Continuous IR)
Number of IR LED's	5ea SR-LED and 25ea 5Φ (850nm)
H-Resolution	> 1,000 TV Lines
S/N Ratio	> 50dB (AGC Off)
Video Out (BNC)	AVS: 1080p@25/30 or CVBS 1.0V p.p
Lens	DC Auto Vari-focal f=5 ~ 50mm, F1.4
Lens Mount Type	Board type (Φ14)
Angle Of View	56° ~ 7°(D), 44° ~ 5.8° (H), 33° ~ 4.4°(V)
OSD	Via 5-direction Tact-switch
Camera Title	Off, On (Max. 15 Characters)
Language	English, Russian, French,

	Spanish, Portuguese, German Chinese (Simplified), Chinese (Traditional), Japanese, Korean, Italian, Polish, Dutch, Turkish, Hebrew, & Arabic
Exposure	DC
White	Balance Auto
BLC	Off
Day & Night Mode	B/W Only
Gain Control	AGC (1 ~ 15)
Electronic Shutter	1/50 ~ 1/50,000sec
Noise Reduction	2DNR, 3DNR Mirror Off, On (Mirror, Flip, & Rotation)
Other Features	Motion Detection (4 Zone), Privacy Mask (4 Zones), Freeze, Neg. Image, Lens Shading, Defog, etc.
Power Source	DC 12V
Power Consumption	< 6.8 W (560mA @ DC 12V)
Operating Temperature	14°F ~ 131°C -10°C ~ 55°C; < 90% RH
Size	Φ2.8" / Φ70mm
Weight	2.73 lbs / 1.24 kg



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