

PROTECT-ALL

AV 360°
SECURITY PRODUCTS, INC.



AV360° Your Silent Partner

A fully digital system, the AV-360 provides both real time monitoring and extended recording capabilities, making it a complete documentation solution for law enforcement, counter terrorism, and other security related applications.

The AV360° is more discrete, less obtrusive, easier to use, more versatile, and more cost effective than the current generation of one directional, single lens systems a superior choice delivering maximum return on investment.

The OVERT AV360° and COVERT AV360° install as a replacement for an ordinary rearview mirror with special blue - glass, day/night capabilities:

- **Overt** (above right) includes a microphone, optional forward facing customizable zoom camera, and optional GPS unit.
- **Covert** (below) is similar, but less conspicuous and more energy efficient, providing real time monitoring for at least 10 hours in a parked vehicle with the engine off.



The CUBE CAMERA (above) is a one inch square box that can be mounted on any rearview mirror (and folded out the way when not in use) or used in fixed applications, for example; schools, hospitals, nursing homes, commercial settings, and public buildings as an inexpensive monitoring solution.

The patented AV360° Video System is the leader in next-generation digital video & audio surveillance systems, providing 360° real-time video coverage.



The AV360° system is compatible with any back-end recording system, including its own ruggedized, remote-controlled, real-time Digital Video Recorder with wireless capability.

AV360° Benefits

The AV360° was developed by former New York City undercover detective Joseph Mazzilli in response to the need for a system that's more thorough, discrete, easy-to-use, and durable than others on the market. The result? The AV360° is cop-friendly and cop-proof, a trusted partner for police departments and the citizens they serve.

For **LAW ENFORCEMENT**, the AV360°:

- Supports and protects officers on patrol by providing a constant 360-degree field of view both within and outside the vehicle.
- Installs easily and integrates well with police laptop computers.
- Stays out of the way, less intrusive, simple installation.
- Aids investigations by providing instant access to recorded data without interrupting real-time monitoring.

For **GOVERNMENTAL UNITS**, the AV360°:

- Costs less to purchase, install, and operate.
- Integrates seamlessly into centralized command and control systems compatible with wireless uploading for recording and/or real-time monitoring.
- Facilitates prosecution as a silent witness providing unbiased, irrefutable evidence.
- Pays for itself by avoiding costly lawsuits, reducing insurance costs, and improving departmental productivity.

For **COMMUNITIES**, the AV360°:

- Promotes public safety by discouraging criminal conduct.
- Serves as a cost-effective investigative and counter-terrorism tool.
- Improves police accountability and reduces citizen complaints by encouraging proper police conduct.
- Promotes justice by providing reliable, unbiased evidence.



360° Real-Time Monitor

Homeland Security Tool

The recording capabilities of the AV360° system make it a potentially powerful front line counter-terrorism tool for Homeland Security. With the AV360° installed, police vehicles can collect information constantly as they patrol high-risk areas. When an attack or other incident occurs, activity recorded by a police cruiser that passed through the area could provide valuable information and leads almost instantaneously. The AV-360 Could provide and transmit valuable information and possible leads.

Commercial Use

The AV360° also is an economical solution for a wide variety of commercial applications, including private security patrols, ambulances, delivery trucks, etc.

It provides a 24/7 documentation system which can help protect employees, monitor employee performance, and provide verification for clients that services have been performed.

AV360° Key Features

- Full 360° view, inside and outside vehicle
- Unobtrusive to driver, laptop-compatible

Specifications: Color Board Camera Day/Night Camera Module (MTV-33SHN)

TV System:	PAL NTSC
Image Sensor:	1/3" Sony Color CCD
Number of Pixels:	470k
Synchronising System:	Internal
Resolution:	520 TVL
Minimum Illumination:	0.015 Lux @ F1.4
Day / Night Switching:	Automatic
Infra Red Sensitivity:	Color / Monochrome
Electronic Shutter Speed Modes:	700 ~ 1100nm
Back Light Compensation:	1/60 1/120,000
Gain Control:	On/Off (Switchable)
Signal to Noise Ratio:	AGC On/Off
Video Output:	50dB (MIN) 58dB (TYP) (AGC Off)
White Balance:	1Vp-p Composite / 75 Ω
Power Supply:	ATW AWB
Power Consumption:	12 Vdc
Board Lens:	150 mA
Operation Temperature:	Standard 3.6mm / F2.0 92°
Operation Humidity:	-20°C ~ +60°C
Storage Temperature:	≤ RH 85%
Dimensions:	-20°C ~ +50°C
	32mm (W) x 32mm (H) x 1 Layer

- Discrete cameras integrated into rearview mirror (with covert option available) or as a detachable one-inch cube (also suitable for fixed installations)
- High-resolution video Day/Night cameras
- Variety of zoom camera options available
- All-digital recording and playback
- High-capacity recording capability
- Removable harddrive and Compact flash cards
- 1, 2, 4, and 8 channel DVRs available

Endorsed by Experts

The AV360° has been endorsed by the Office of Law Enforcement Technology Commercialization (OLETC), a not-for-profit organization that evaluates new technology on behalf of the law enforcement community.

Development of the AV360° has relied on support and insight from experts in security, and counter-terrorism. The Protect-All board of directors includes:

- **JOSEPH PISTONE**, former undercover FBI agent who, as "Donnie Brasco," infiltrated the notorious Bonanno crime family in New York.
- **JAMES KALLSTROM**, former FBI New York office director
- **MAJOR GENERAL RAY L. SMITH**, USMC (Ret.), a decorated Marine commander who led Marine combat units in Vietnam, Grenada, and Iraq. He is also the author of *The March Up: Taking Baghdad with the 1st Marine Division*
- **HON. ALBERT N. THOMPSON**, Former Deputy Commissioner for the NYPD

About Protect All

The AV360° is a product of Protect-All Security Products, Inc., with worldwide patents held by Protect-All founder **JOSEPH MAZZILLI**, a highly decorated former New York City police detective who worked undercover and infiltrated the Mafia in NYC. He is a licensed private investigator, also serves as president of Protect-All Security, a multi-million dollar private investigation and security firm he founded.

For more information on the AV360° Video System™, contact:

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