

## >>>2MP HD ANALOG COVERT BOARD CAMERA

### 2MP COVERT CAMERA **HDCB225**



- > Covert HD Analog Board Camera with 2MP, 1920 x 1080 Full HD Resolution
- > High Definition Analog (HD Analog) Over Coax Technology, utilizes existing Coax Cables & BNC Connectors, allowing mega-pixel video images without any rewiring necessary
- > TVI or CVBS protocol selectable --- engineered to work with ATV's HD Analog and Legacy Digital Video Recorders (DVR) for Maximum Stability and Performance
- > True Day / Night and Digital Wide Dynamic Range (DWDR) Functionality for all Lighting Conditions
- > 2.5mm Wide Angle Pinhole Lens for Best Possible Coverage
- > 1/2.9" CMOS Sensor with Progressive Scanning for the Sharpest Video Motion Images
- > Digital Noise Reduction 3DNR, Video Motion Detection and Privacy Masking
- > OSD Control via Coax Cable using UTC
- > Long Distance, Real-Time, Transmission of Video over 1600ft on RG6U Coax Cable
- > Back Light Compensation (BLC), Digital Zoom, Defog and Sens-Up Functionality
- > Supported by ATVision IP Remote Management Client Software for Windows and Mac PC's and Mobile Applications for Apple and Android Operating Systems
- > 12VDC Power Source

## 2MP COVERT CAMERA

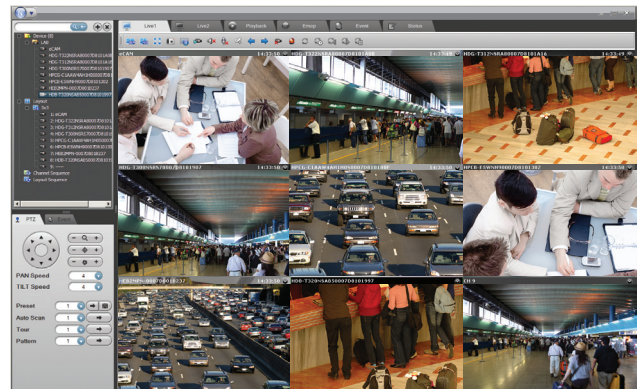
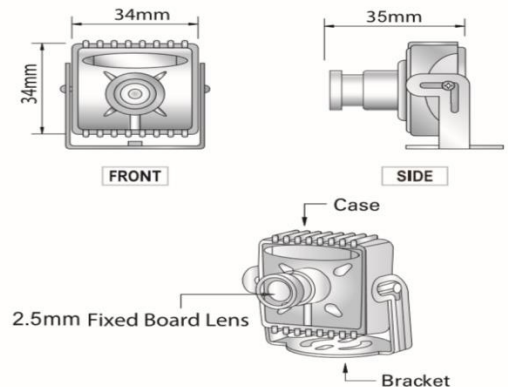
# HDCB225

## HD ANALOG PRODUCT SERIES

### SPECIFICATIONS

MODEL		HDCB225
CAMERA	Image Sensor	1/2.9" CMOS
	Min. Illumination	Color: 1.0Lux (Color); 0.001Lux (B/W) F1.2
	Scanning Mode	Progressive Scan
	Wide Dynamic Range	Digital
	Video Frame Rate	1920 x 1080p (TVI) or 700TVL (CVBS) @ 30fps
	Video Output	TVI / CVBS Selectable
	Signal Noise Ratio	More than 50dB (AGC off)
	Camera Control	OSD (Coaxial Communication)
FUNCTIONS	Shutter	AUTO / Manual (1/30, 1/25Sec ~ 1/30000Sec) / FLICKER
	AGC	0 ~ 20 Level Adjustable
	Sens-Up	Off / 2 ~ 32x
	Brightness	1 ~ 20 Level Adjustable
	DWDR (TVI Only)	OFF / ON (Low, Middle, High) (15 Frame)
	Defog	Off / On
	Day & Night	Auto (AGC) / Day / Night / Ext
	Backlight	Off / On
	HSBLC	Off / On
	D-Zoom (EZOOM)	Off / On (2 ~ 8x)
	Digital Noise Reduction	2DNR, 3DNR
	Motion Detection	4 zones
	Privacy Masking	16 zones
	White Balance	Auto (2,500K ~ 9,500K) / AWC → Set / Manual / AWB
	Sharpness	0 ~ 20 Level Adjustable
	GAMMA Correction	r = 0.45 ~ 0.65
	Lens Shading(LSC)	OFF/ON
	Defect(White pix mask)	AUTO (1024EA)
GENERAL	ACE(D-WDR/ATR-EX)	OFF/LOW/MIDDLE/HIGH
	Mirror	Mirror, V-FLIP
	Composite Video Out	BNC (TVI / CVBS)
	Transmission Distance	Coax Cable, RG6U (5C-2V), 1650ft (500m); RG59 (3C-2V), 990ft (300m)
	Lens	2.5mm Fixed Pinhole, Wide Angle Lens
	Operating Humidity	20 ~ 80% (non-condensing)
	Operating Temperature	14° F - 122° F (-10°C - +50°C)
	Power Source	Barrel Jack, DC12V
	Power Consumption	DC12V - 150mA
	Dimensions (W x H x D)	1.3 x 1.3 x 0.98in (34 x 34 x 25mm)
	Weight	0.67lbs (.3kg)
	Conformity Certifications	FCC, CE

### DIMENSIONS



ATVision IP Remote Management Software

### Minimum System Requirements for ATVision IP Software

Operating System: Microsoft Windows 7 or Apple Mac 10.10

CPU: Intel Core i5 processor

RAM: 4GB

Ethernet Connection: 100Mbps

Graphics Card: Gaming Rated, with 2GB at 1080p Resolution;

4GB at 4k resolution

Hard Disk Drives: 7200RPM and 64MB cache