

# HDV228 / HDV236

## 2MP HD ANALOG, FIXED LENS, VANDAL DOME CAMERA

- > 2.8mm (HDV228) or 3.6mm (HDV236) Fixed Lens
- > High Definition Analog (HD Analog) over Coax Technology, utilizes existing Coax Cables & BNC Connectors, allowing Mega-pixel Video Images without any rewiring necessary
- > AHD and CVBS Protocol selectable --- Engineered to work with ATV's HD Analog and Legacy DVR's for Maximum Stability and Performance
- > ATVision IP Remote Management Client Software for Windows and Mac and Mobile Applications for Apple and Android Operating Systems are included



### TECHNICAL SPECIFICATIONS

IMAGE	
Image Sensor	1/2.9" Sony Exmor CMOS: 2,000(H) x 1,121(V) Pixels
Scanning Mode	Progressive
Video Resolution	1080p @ 25/30fps, (AHD: 1000TVL (CVBS) @ 30fps
Min. Illumination	1.0Lux(Color), 0Lux(BW, IR LED On)
IR	24 IR LED's (850nm); Max. 82ft indoor, 62ft outdoor
S/N ratio	More Than 50dB(AGC 0)
FUNCTIONS	
Camera Control	OSD (Joystick switch, Coaxial Communication)
Lens	2.8mm or 3.6mm, F2.0 Fixed Lens
Shutter	Auto, 1/30, 1/60, FLK~1/50,000sec
AGC	1~15
Sens-Up	Off/Auto(x2, x4, x6, x8, x10, x15, x20, x25, x30)
Brightness	1~100
WDR - Digital	Off/On/Auto
Defog	Off/Auto
Backlight	Off/BLC/HSBLC
White Balance	ATW/AWC/Indoor/Outdoor/Manual/AWB
Day & Night	Auto/Color/B&W
DNR	2D / 3D
D-Effect	Off/Freeze/Mirror/Neg.Image
Motion Detection	Off/On(4 Zone)
Privacy Masking	Off/On(4 Zone)
Sharpness	Off/Auto(0~10)
GENERAL	
Video Output	BNC
Transmission Distance	Coax Cable, RG6U (5C-2V), 1640ft (500m); RG59 (3C-2V), 984ft (300m)
Operating Temperature	-22°F ~ 140°F (-30°C ~ +60°C)
Operating Humidity	0~96%(Non-Condensing)
Power Source	DC12V±10%
Power Consumption	Max. 4.3Watts(360mA)
External Dimension	Ø 5.67 x 3.85 in (Ø144 x 98 mm)
Weight	1.17lb (0.53kg)
Environmental	IP66, IK10
Conformity Certifications	FCC, CE, UL



### ACCESSORIES

HDB243X	Wall Mount
HCS254V	Flush Mount
HDA502	Junction Box
HDB453	Pendant Mount
HCM160	Corner Mount
HDA401	Wedge Mount
HPDA3	Pendant Cap