

# HD-SDI Vandal-Dome Camera

**CNB**  
TECHNOLOGY Inc.

# VB2-B0VF/ VB2-B1VF



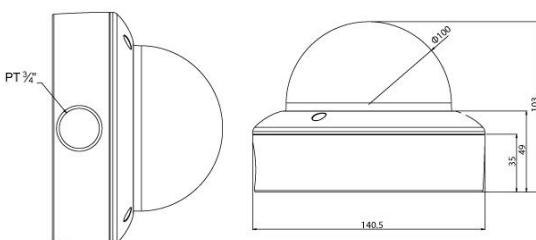
## SPECIFICATIONS

[CAMERA]	
Signal System	Progressive image processing
Scanning System	16:9 Progressive
Image Sensor	1/3" Progressive CMOS Sensor
Sync. System	Internal
Effective Pixels	1920 (H) x 1080 (V) Full HD 2.0 Mega
Horizontal Resolution	1,100TVL(16:9 Chart/1920 x 1080)
Video Output Level	Digital output HD-SDI Select NTSC/PAL 1.0Vp-p (BNC 75Ω, composite)
Lens	DC Iris Vari-focal Lens (f=2.8~12mm, F1.3)
Digital Slow Shutter	Off/~120x FLD
Day & Night System	Electronic Sensitivity-up(DSS), ICR(AGC Type)
Min. Illumination	0.01Lux (DSS On, B/W), (F1.2, 30IRE)
Digital Noise Reduction	3D-DNR(Low, Middle, High, Off)
D. WDR	On/Off
White Balance	ATW(1,800 K ~10,500 K) MANUAL / PUSH
OSD	ENGLISH
HLC, BLC	On/Off(Programmable Zone)
Mirror Function	On/Off(Horizontal /Vertical /Rotation)
Privacy Zone	On/Off(10 Programmable Zone)
Motion Detection	On/Off(4 Programmable Zone)
D-Effect	Shading, ACR, Defog
Communication	PELCO-D (2400~38400bps)
Electronic Shutter Speed	NTSC : 1/2 ~ 1/48,000      PAL : 1/2 ~ 1/50,000
[SDI]	
HD Format	1920 x 1080P @25, 30 / YCbCr 4:2:2 16bit 74.25MHz
SDI Output	SMPTE 292M (1.485Gbps) : 1920 X 1080 @25,30 800mVp-p, 75Ω, unbalanced generator (single-ended)
[CVBS]	
NTSC/PAL	1CH Video BNC Out, Analog Composite(1V±0.2Vp-p)
[Control Interface]	
RS-485	PELCO-D (2400~38400bps)
[MECHANICAL]	
Operating Temperature	-10°C ~ 50 °C
Dimensions	140 x 100 x 103 mm
Power	Max. 1.6W / 130mA
Weight	Approx. 844g

## FEATURES

- High Definition Mega Pixels HD-SDI Camera
- 1/3" Progressive scan CMOS Sensor
- Max. 1920(H) x 1080(V) Full HD 2.0 Mega Pixels
- Built-in Vari-focal Lens (f=2.8~12mm)
- TDN(ICR), DSS, OSD
- Excellent low light sensitivity 0.01Lux (DSS On)
- D.WDR, 3D-DNR, BLC, Digital Zoom (Max. 20x)
- Motion Detection, Privacy Zone, Mirror Function
- Non Compression digital streaming up to 1.5Gbps
- 1CH CVBS output support
- RS-485 (Pelco-D) Protocol
- Vandal-Resistant Dome Housing, IP67
- 12VDC

## DIMENSIONS



## ■ High quality Mega pixels image

VB2-B0VF provides high definition image up to 2 Mega pixels Full HD via HD-SDI interface with conventional coaxial connection. It supports up to 1920x1080(1080P) Full HD resolution which is HDTV standards.

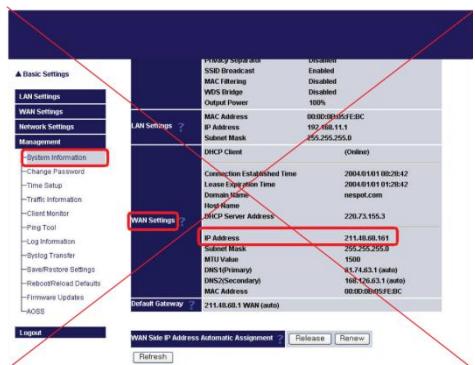


## ■ Progressive scanning & High Performance Low light sensitivity

VB2-B0VF's progressive scanning provided much clearer monitoring image with flicker-free Noiseless and CNB proprietary DSP technology up to 0.01Lux even CMOS Image sensor.



## ■ Plug & Play Set-up



## ■ Easy of USE

Just plug to conventional BNC input

