

# Anti-bug IR Bullet series



특허등록번호: 10-1729061  
곤충들로 인한 문제점을 감소시킨 CCTV 시스템



## VIDEO CLIP

Anti-bug camera concept



<https://youtu.be/-2ycDrWvTIE>

Field Testing



<https://youtu.be/BldlkVpYulo>

# KPN-100B

ANTI-BUG HDSDI  
2Mega pixel 4x Optical Zoom - 2 Motorized Camera



## FEATURES

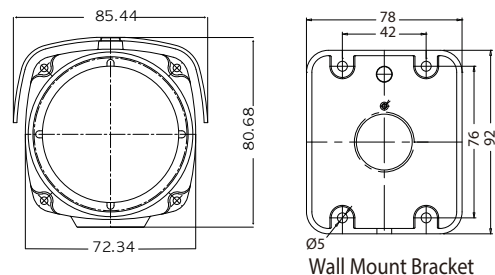
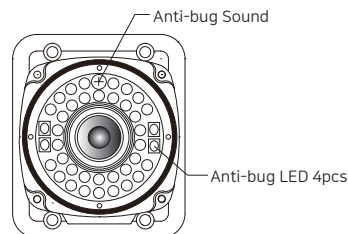
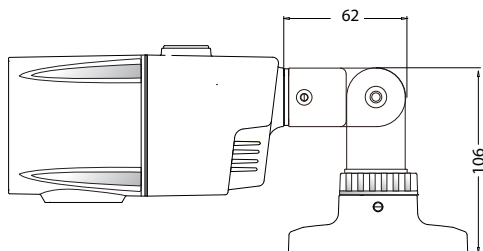
- 1/2.8" 2.2 Mega SONY STAVIS CMOS Sensor
- 1,200 TV Lines (Resolution)
- 2.8~12mm TDN Mega DC lens (2Motorized)
- Outputs : EXSDI, HDSDI, CVBS
- True Day & Night
- DWDR (Digital Wide Dynamic Range)
- DNR (Digital Noise Reduction: 2D+3D)
- Pravity Mask Function
- Intelligent Motion Detection
- Defog
- Anti-Bug Sonic sound (20Khz~50Khz)
- Anti-Bug LED 4pcs (Strobe Moethod)
- IR LED 30pcs (40m at night)
- OSD Controller
- Service Video
- 3-Axis Metal Housing
- IP67

## Specification

Image Sensor	1/2.8" 2.2Mega pixel SONY STARVIS CMOS
Resolution	Digital : 1920 X 1080 (25P/30P)
Total Pixels	1945(H) X 1109(V) = 2,16Mega(pixel)
Effective Pixels	1945(H) X 1097(V) = 2,13Mega(pixel)
Shutter Speed	Auto / Manual ( 1/30(1/25) ~ 1/60000 )
Min. illumination	Color : 0.15 lux , BW : 0.5lux Color DSS : 0.08 lux , BW DSS : 0.001 lux
S/N Ratio	More Than 50dB (AGC off)
Fix Lens	Normal / Deblur
DC IRIS	Indoor / Outdoor / Deblur
SENSE UP	x2 / x4 / x8 / x16 / x32
DAY & NIGHT	Auto / Day / Night / Ext /
SMART IR	Off / On
WHITE BALANCE	Auto / Auto Ext / Preset / Manual
MIRROR	Off / H / V / H&V
E.ZOOM	x1 ~ x8
DNR	Off / Low / Middle / High
PRIVACY	Off / On (24 points)
MOTION	O / On (16 points)
SHADING	0 ~ 100%
DEFOG	O / On
WDR/BLC / HLC	O / WDR(Low / Middle / High) / BLC / HLC
COMMUNICATION	ID(1 ~ 255) BAUDRATE (2400/ 4800/ 9600/ 19200/ 38400/ 57600/ 115200)
SYSTEM	NTSC / PAL
HD FORMAT	1080P
Video Output	HD-SDI / CVBS
IR LED	IR LED 30pcs, Antibug LED 4pcs
Night View DistanceLens	Outdoor 40m
LENS	2.8~12mm TDN Mega DC Lens (2Motorized)
Cable	Coxial
Power Source	DC12V±10%
Power Consumption	400mA
Operating Temperature	-10℃ ~50℃ (Humidity : 0%RH ~ 90%RH)
Storage Temperature	-20℃ ~60℃ (Humidity : 0%RH ~ 90%RH)
Dimension(mm)	72.34(W) x 72.34(H) x 140(L)
Weight	Approx. 1.35kg

## DIMENSIONS

unit : mm



Wall Mount Bracket