DVR CAM *SMA-20BVI (H.264 FHD Built in DVR CAMERA:IR LED BULLET)*

1CH Full HD(1080P) SD CARD(256GB)DVR Camera
(Support SD, SDCH(256GB Max),Class 10, U1 Above)
Easy installation Adjustments and Set-up
Sony 1/ 2.9” CMOS Image Sensor
UTC (Camera OSD Control)
Video Recording
H.264 Micro Recorder(SD Card not include)
PC Viewer(Password Protection)
GPS(External): Optional(Time Correction & Google Map)
DC 12V POWER ADAPTOR: Optional
Video Out(Default): CVBS(For set up menu and playback)
Video Out(Option) : AHD(For live only by pass with BNC out)

36PCS IR LED

Rec. Time Table(Reference Rec. Time based on busy street scene)

Size (SD Card)	FPS	LOW (1Mbyte)	MIDIUM (5Mbyte)	HIGH (10Mbyte)
8GB	30fps	16hr 503min	3hr 12min	01hr 36min
	15fps	24hr 04min	4hr 48min	02hr 24min
	7.5fps	1Day 12hr 06min	07hr 13min	03hr 36min
16GB	30fps	1Days 08hr 26min	06hr 29min	03hr 14min
	15fps	2Days 00hr 39min	09hr 43min	04hr 51min
	7.5fps	3Days 00hr 58min	14hr 35min	07hr 17min
32GB	30fps	2Days 17hr 12min	13hr 02min	06hr 31min
	15fps	4Days 01hr 48min	19hr 33min	09hr 16min
	7.5fps	6Days 02hr 42min	1Day 05hr20min	14hr 40min
64GB	30fps	5Days 10hr 44min	1Day 02hr 08min	13hr 04min
	15fps	8Days 04hr 06min	1Day 15hr 13min	19hr 36min
	7.5fps	12Days 06hr 09min	2Days 14hr 09min	1Day 05hr 24min
128GB	30fps	10Days 21hr 48min	2Days 04hr 21min	1Day 02hr 10min
	15fps	16Days 08hr 42min	3Days 06hr 32min	1Day 15hr 16min
	7.5fps	24Day 13hr 04min	4Days 21hr 48min	2Days 10hr 54min

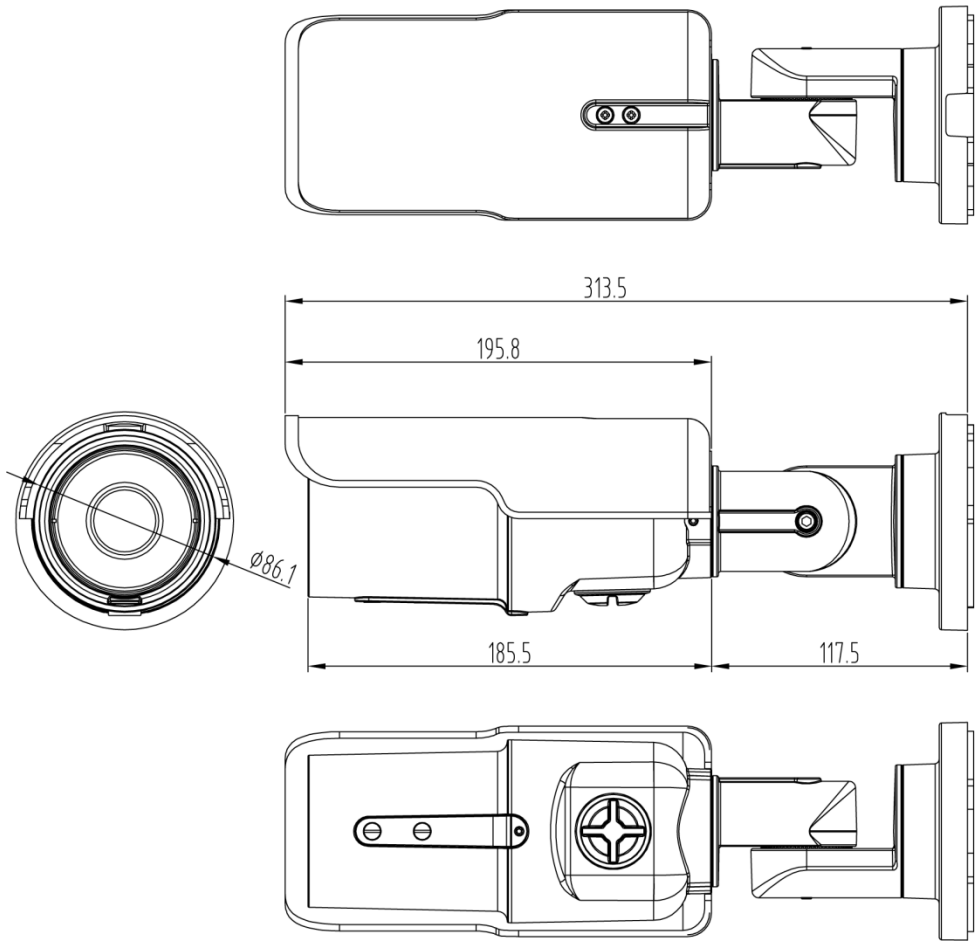
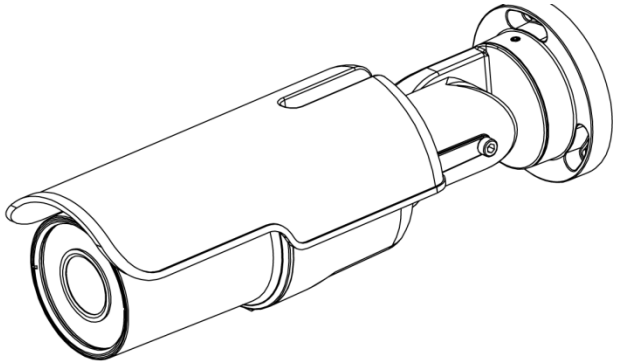
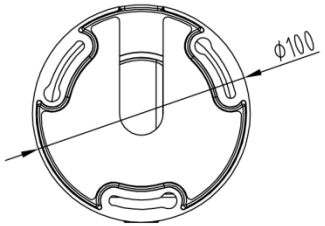
•Recording time can be different according to situation.

SPECIFICATIONS

Name	AHD Camera Specs.
Image Sensor	1/2.9" CMOS SONY 1080P
Total Pixels	2000(H) * 1121 (V) approx. 2.24 M pixels
Effective pixels	1984 (H) * 1105 (V) approx. 2.19 M pixels
Recommended recording pixels	1920 (H) * 1080 (V) approx. 2.07 M pixels
Synchronization	INT
Frequency	37.125 MHz
Min.illumination	Color : 0.1Lux@F1.4/0.02Lux ,B/W : 0.1Lux/0.002Lux
White Valance	ATW/PUSH/USER1,2/ANTI CR/MANUAL/PUSH LOCK
Shutter Speed Low shutter	AUTO, 1/30,1/60, FLK ~1/50000 sec X2, X4, X6, X8, X10, X15, X20, X25, X30
Sens-up	OFF / AUTO (X2, X4, X6, X8, X10, X15, X20, X25, X30)
Auto Gain Control	0~15
DEFOG	OFF / AUTO
Backlight	OFF / BLC / HSBLC
NR	2DNR, 3DNR (Low/ Middle / High)
WDR	DWDR (OFF / AUTO / ON)
Motion Detection	On/Off(4 Zone)
Privacy Function	On/Off(4 Zone)
Mirror	Off / Rotate / Mirror / V-Flip
Freeze	On/Off
Day & Night	COLOR/AUTO/BW/EXT
Auto Iris	DC Auto Iris
LENS	DC 2.7~12mm Vari-focal Lens(2 Motor Lens)
Operation temperature/Humidity	-10°C to +50°C/ 30% to 80% RH
Stoning Temperature/Humidity	-20°C to +60°C/ 20% to 90% RH

* The design and functions would be changing for upgrade purpose.

DIMENSIONS (Refer to the attached page)

Sunin Unitech Inc. Tel: 82-31-576-3761 sales@suninccctv.com

SMA-20BVI Dimension & Bracket