UPS & NIGHT COLOR VIDEO 2MEGAPIXEL 40 IR LED NETWORK BULLET CAMERA
SV-I210 (MIS)

• IR LED VISIBILITY RANGE

|	0	10	20	30	40	50 m
Indoor						
Outdoor						
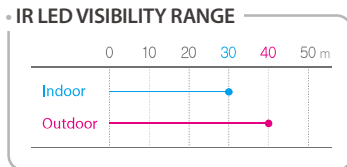
➔ KEY FEATURES

- 1/1.8" 2Megapixel SUPER IGUANA Sensor
- Megapixel motorized lens f=3.6~11.0mm
- 850nm IR LED 40ea (Night view distance : 40m)
- Ultra low light color camera (0.00000001Lux)
- Pre-installation and camera test without power throgh Built-in UPS system
- Built-in UPS system allows stable power supply and record to SD card the video without the recorder at power off
- Support Micor SD card up to 128GB
- Max. Record time to SD card ;
  Continue mode : 70hours / Motion mode : 160hours (1080P, 4Mbps)
- AVI file records to SD card (30 Seconds recording per 1 files)
- AVI file on SD card can play through Web page
  (No need to take out from camera)
- UPS working time : 5h 30m (IR LED Off) / 2h 30m (IR LED On)
  (12V 2A Adaptor, 20℃ / If the temperature lows, battery capacity can be small)
- Built-in BCS (Battery Control System) for the stable recharge
- Useful various Hardware type switch
  : UPS system On/Off button, Factory default button,
   System restart button, IR LED On/Off button, IR LED TEST button,
   IR LED output level control button (Min. : 20mA, Max. : 300mA)
- Manual power consume control
- Ventilation structure for Anti-moisture in camera (Preventing water)
- True Day & Night (ICR) / 2D+3D DNR / BLC / Defog
- 1920x1080@30fps / Triple streaming
- ONVIF support
- Remote control Zoom & Focus
- View available smartphones
- PoE (IEEE 802.3af Class 0) support

➔ DIMENSIONS
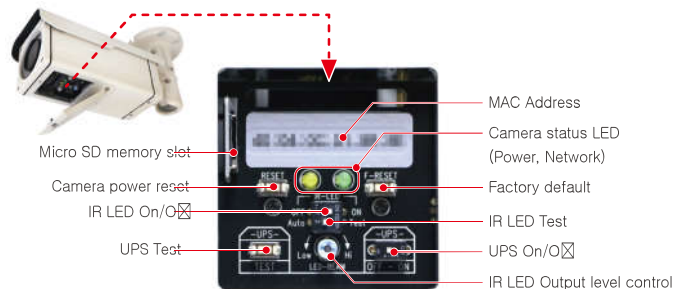
Unit : mm
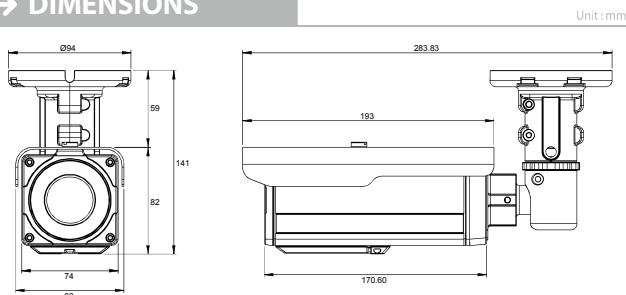
➔ UPS (Uninterruptible Power Supply)

UPS with Battery Control System helps the stable power and protect the video data at sudden blackout.
When sudden blackout, power will change to Battery and then the recording data will be stored to SD card automatically.

Built-in Battery   BCS (Battery Control System)
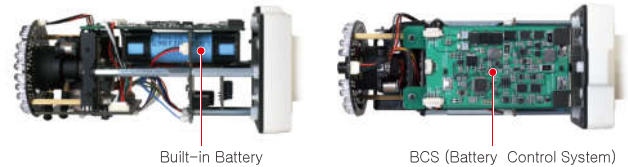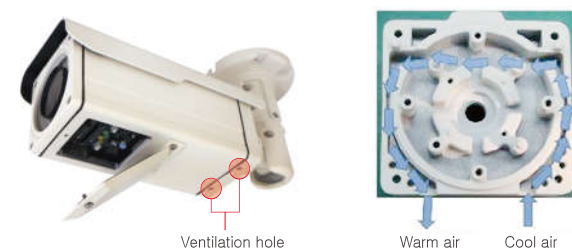
[UPS Working Time]
  - IR LED Off : 5h30m / IR LED On : 2h30m
    (12V 2A Adaptor, 20℃ / If the temperature lows, battery capacity can be small)

➔ EXTERNAL ADJUSTMENT

- Micro SD memory slot
- Camera power reset
- IR LED On/Off
- UPS Test
- MAC Address
- Camera status LED (Power, Network)
- Factory default
- IR LED Test
- UPS On/Off
- IR LED Output level control

➔ VENTILATION SYSTEM

Ventilation structure will reduce the temperature difference between inside and outside, preventing water from being condensed on front window. (Anti-Moisture function)

Ventilation hole   Warm air   Cool air

→ SPECIFICATIONS

		SV-I210 (MIS)
Camera	Image Sensor	1/1.8" 2Megapixel SUPER IGUANA Image sensor
	Scanning System	Progressive scan
	Total Pixels	2000(H) x 1121(V) = 2.24M (Pixels)
	Effective Pixels	1984(H) x 1105(V) = 2.19M (Pixels)
	Lens	Megapixel motorized f=3.6~11.0mm
	IR LED	40ea (850nm)
	Electronic Shutter	Auto (1/30 ~ 1/30,000sec.) / Suppress rolling / Manual
	White Balance	Auto / Push / Indoor / Outdoor / Fluorescent / User
	BLC	D-WDR / HLC
	Day & Night	Auto / Day (Color) / Night (BW) / ICR Control
	DNR	2D+3D DNR
	LDC	On / Off
	Defog	On / Off
	Privacy	On / Off (16 Programmable zone)
	Motion Detection	On / Off (432 Zone, 1 ~ 5)
	Color Adjust	Brightness / Contrast / Saturation / Sharpness / Hue
	Screen Inversion	Normal / Mirror(H) / Flip(V) / Both (HV) / Rotate
Network	Operation System	Embedded Linux
	Interface	RJ45 10/100 Base-T PoE
	Protocol	TCP/IP, UDP/IP, RTP, RTSP, RTCP, NTP, HTTP, DHCP, FTP, SMTP, DNS, DDNS
	ONVIF	Ver. 2.4.2
	DDNS	iplinker.net
	Simultaneous Access	Max. 10 user
Video	Compress Format	H.264 / MJPEG
	Resolution	1920x1080 / 1280x1024 / 1280x960 / 1280x720 / 1024x768 / 640x480 / 320x240
	Frame Rate	30fps @ All resolution
	Video Quality	H.264 : Bit rate control
		MJPEG : Quality level control
	Streaming	Triple stream (Stream 1, 2, 3)
		RTP/RTSP, Unicast RTP, Multicast RTP
Audio	Compress Format	G.711 μ-law
	Streaming	Two-way
Event	Sensor In	1 (NC / NO)
	Alarm Out	1 (Digital output, Open collector)
Web Browser	Operation System	Windows XP / 7 / 8 / 10
	Manager	Internet explorer 11 or higher, Firefox, Safari, Opera
	Viewer	Internet explorer (Active-X)
UPS	Battery Capacity	Appx. 25W (3.6V 3500mA 2ea)
	UPS Working Time	IR LED Off : 5 hours 30 minutes
		IR LED On : 2 hours 30 minutes
		* 12V 2A Adaptor, 20℃
		* If the temperature lows, battery capacity can be small
Back Up	Storage Device	Micro SD memory (Max. 128GB)
	File Format	AVI file (30 Seconds recording per 1 files, Appx. 16MB)
	Recording Time	128GB : Always 70 hours / Motion 160 hours
		64GB : Always 35 hours / Motion 80 hours
		32GB : Always 18 hours / Motion 40 hours
		16GB : Always 9 hours / Motion 20 hours
		8GB : Always 4.5 hours / Motion 10 hours
		* 1080p, Bit rate 4Mbps setting
		* When the memory capacity is full, the recorded portion is overwritten first.
General	Operating Temperature	-10℃ ~ 50℃
	Storage Temperature	-20℃ ~ 60℃
	Power Source	DC 12V (±10%) / PoE (IEEE802.3af Clalss 0)
	Power Consumption	IR LED Off : 200mA
		IR LED On : 500mA
	Dimension	94(W) x 141(H) x 284(D)mm
	Weight	Appx. 1.5kg

• Design and specification are subject to change without notice.