



## CAUTION

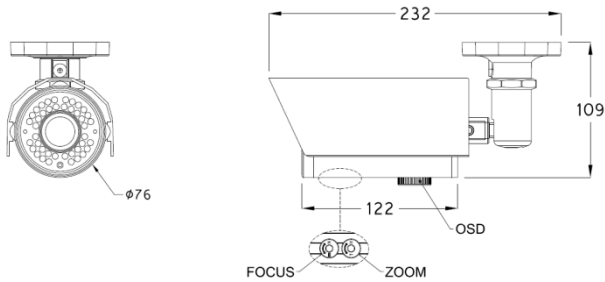
RISK OF ELECTRIC SHOCK  
DO NOT OPEN



CAUTION : TO REDUCE THE RISK OF ELECTRIC SHOCK,  
DO NOT REMOVE COVER  
NOT USER SERVICEABLE PARTS INSIDE  
REFER SERVICING TO QUALIFIED SERVICE PERSONNEL

## Dimensions

### Part name & Dimension



## Accessories



Serve Cable



Screws



L-wrench



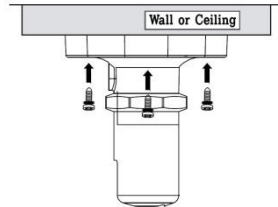
CD



UTP  
Cable(1M)

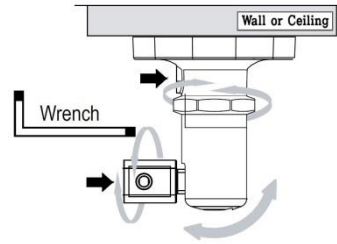
## Installation

### Step.1



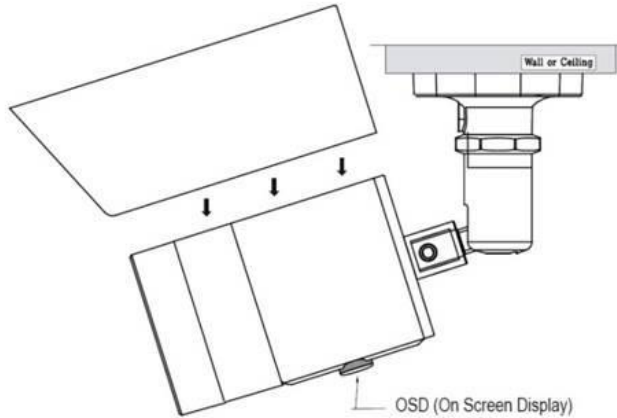
Fixing bracket at desired place

### Step.2



Adjust view angle with 3-axis bracket

### Step.3



OSD (On Screen Display)

## Cable



RJ45	
NO.	PIN NAME
1	TX+ YELLOW
2	TX- GREEN
3	RX+ BLUE
4	POWER -
5	POWER +
6	RX- BROWN
7	POWER +
8	POWER +

## Features

- 1/2.9" 2.43M PS CMOS Sensor
- Support ONVIF (Profile S)
- Dual Stream (H.264, MJPEG)
- 2.8~12mm TDN DC auto iris lens (ICR)
- 42 pcs of IR LEDs
- Sense up (default x3, up to x5)
- 3 axis concealed bracket
- Weather proof / IP-66 rating
- Built-in PoE (IEEE 802.3af)



## Specifications

Video Encoding	MJPEG / H.264 AVC ( MPEG4 part 10 )
Video signal	1 Analog(NTSC only) output (via 2 <sup>nd</sup> -video out cable)
Resolution	1920x1080, 1280x 720, 1024, 640x480, 320x240, 160x120
Compression level	6 levels (low compression/highest/high/normal/low/lowest)
Live casting	Up to 30fps @ 2M when simplex
B/W Control	VBR, CBR (32K ~ 12M bps )
Recording mode	Scheduled recording, Forced recording, Motion recording.
Dynamic IP	Dedicated DDNS IP service using <a href="http://www.ipcctvdns.com">www.ipcctvdns.com</a>
Security	Password protection for live, playback, other controls
Browser	IE 6.0 or higher for control & live view Safari, Firefox, Chrome for live-view only (at JPEG mode)
CMS	Support 16 channels, Full featured PC NVR (Minimum PC requirement : Windows XP, 2000, Pentium IV 1.6GHz CPU or higher, 256Mbytes RAM or above, 64Mbyte s video memory or above)
Protocol	ONVIF, PSIA, HTTP, TCP/UDP/IP, ARP, ICMP, RTP/RTSP, multi cast, Telnet, ftp, PPPoE, SMTP(e-mail), DHCP, NTP, uPnP, SN MP etc.
SDK	Open HTTP API, ActiveX for live-cast with audio, PTZ
Installation & maintenance	Configuration: installation wizard, HTTP, telnet and console , Upgrade firmware: HTTP, telnet + ftp