

Bavono IP Camera Quick Guide

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Bavono IP Camera Quick Guide

1 Default IP

The default IP address is: **192.168.1.10**

2 Default username & password

The default username is '**admin**', by default there is no password.

3 How to locate IP address

3.1 Install Bavono IP Device

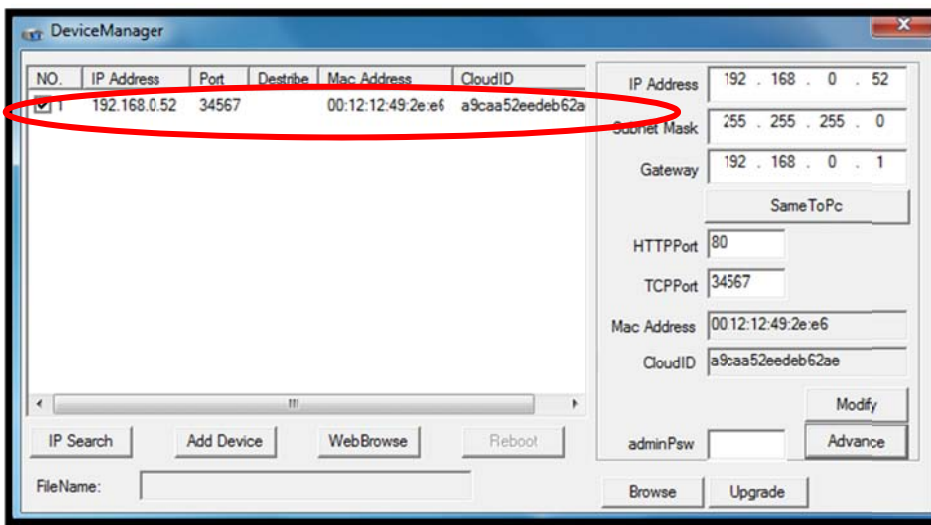
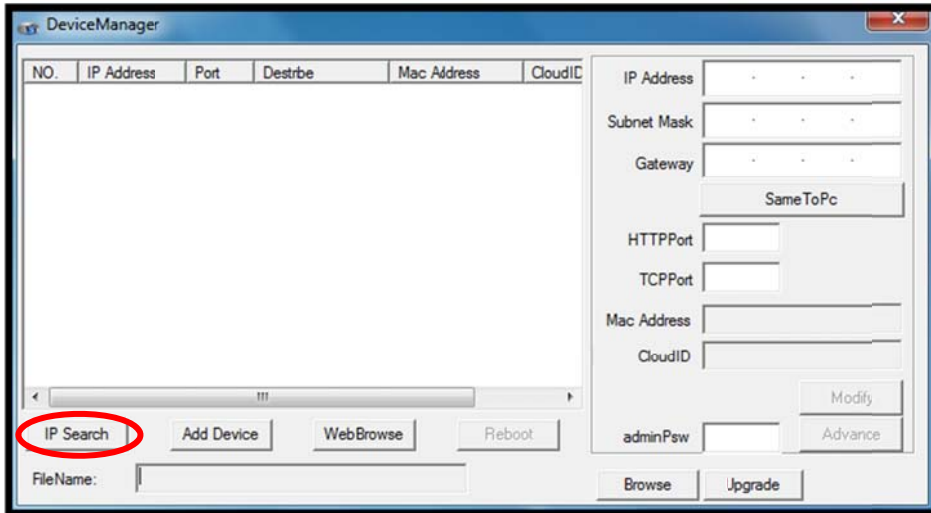


3.2 Using Device Manager

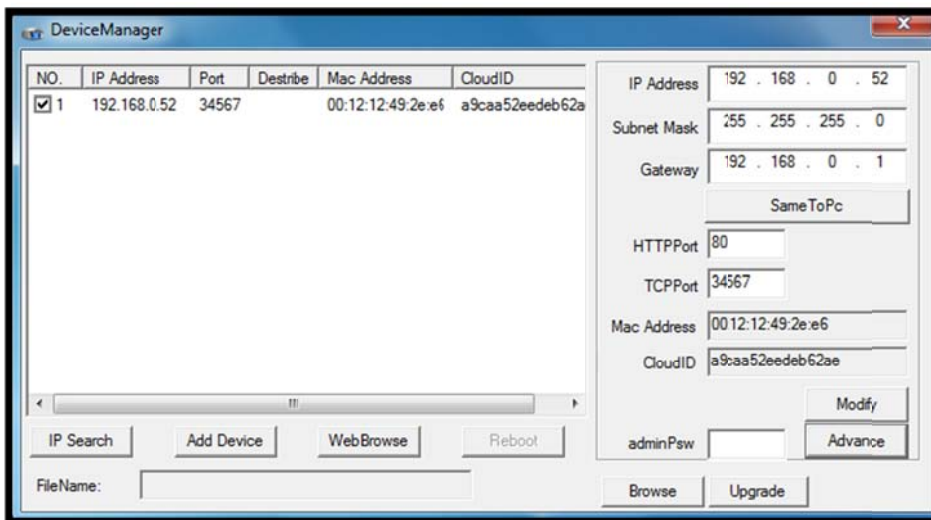
1) Double click to open Device Manager



2) Click 'IP Search' button to run automatic IP camera search



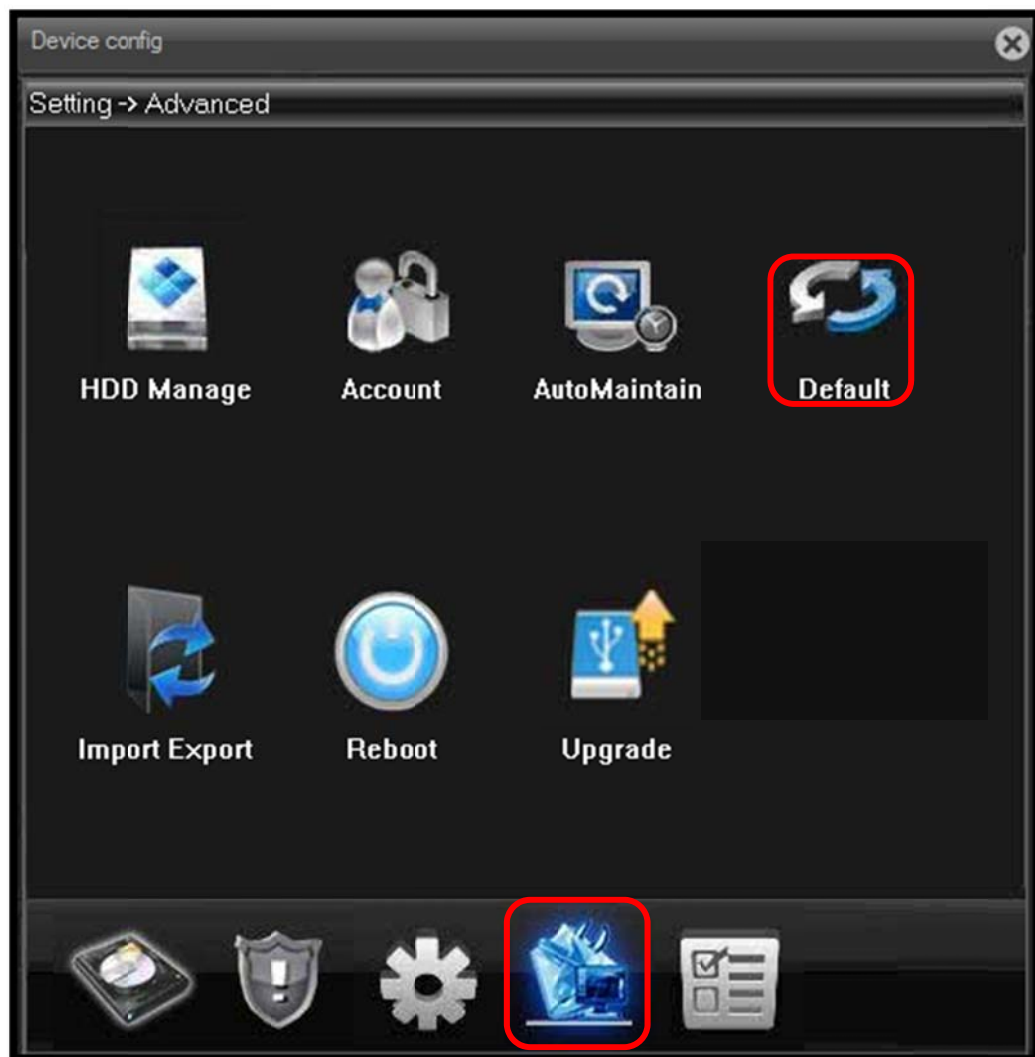
3) Access IP Cam via IE (note that you will need to install ActiveX when accessing a Bavono IP camera for the first time.)



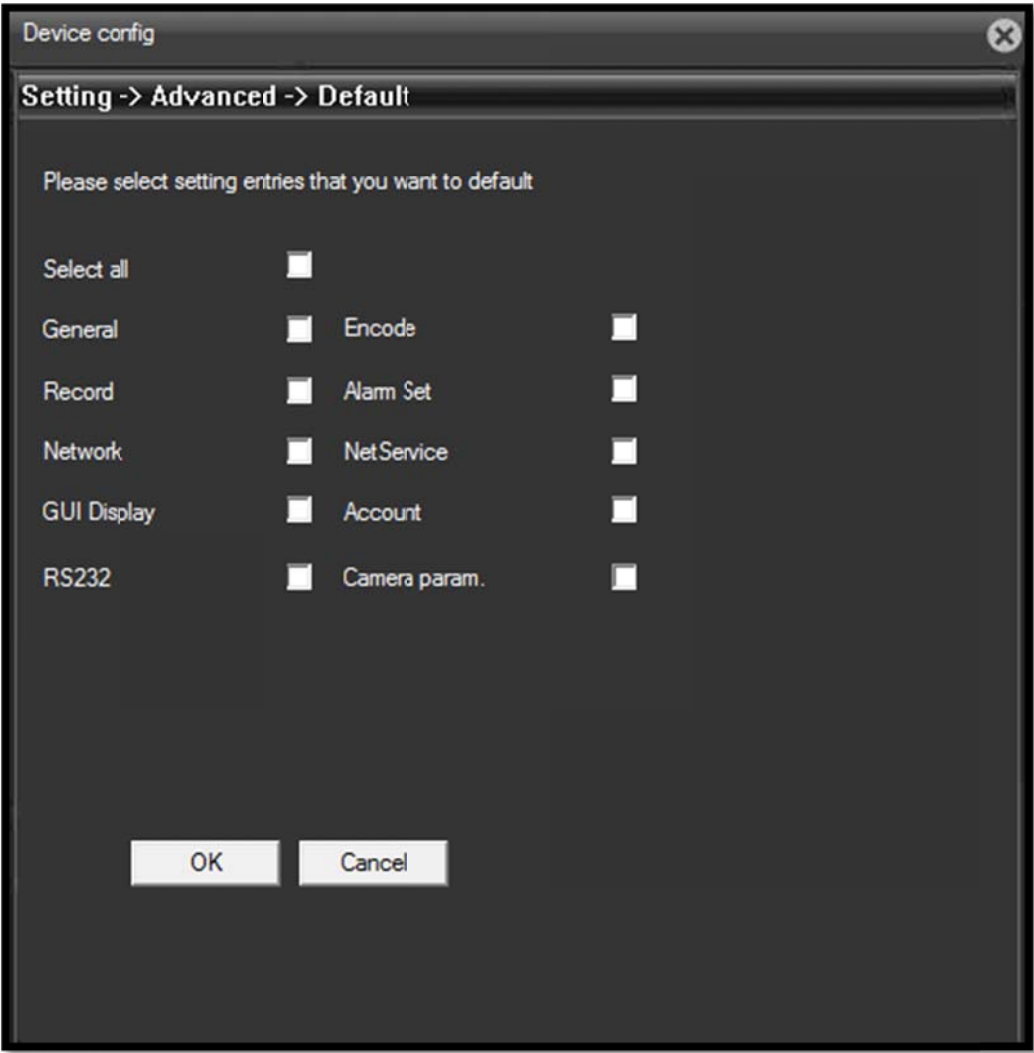
4 Restore default settings

Note: Bavono IP cameras cannot be restored via hardware reset. You will need to access the IP camera to restore factory defaults.

- 1) Locate IP address of IP camera using Device Manager
- 2) Once you have gained access to the IP camera via IE, go to 'Settings' → 'Advanced' → 'Default' → 'Default'



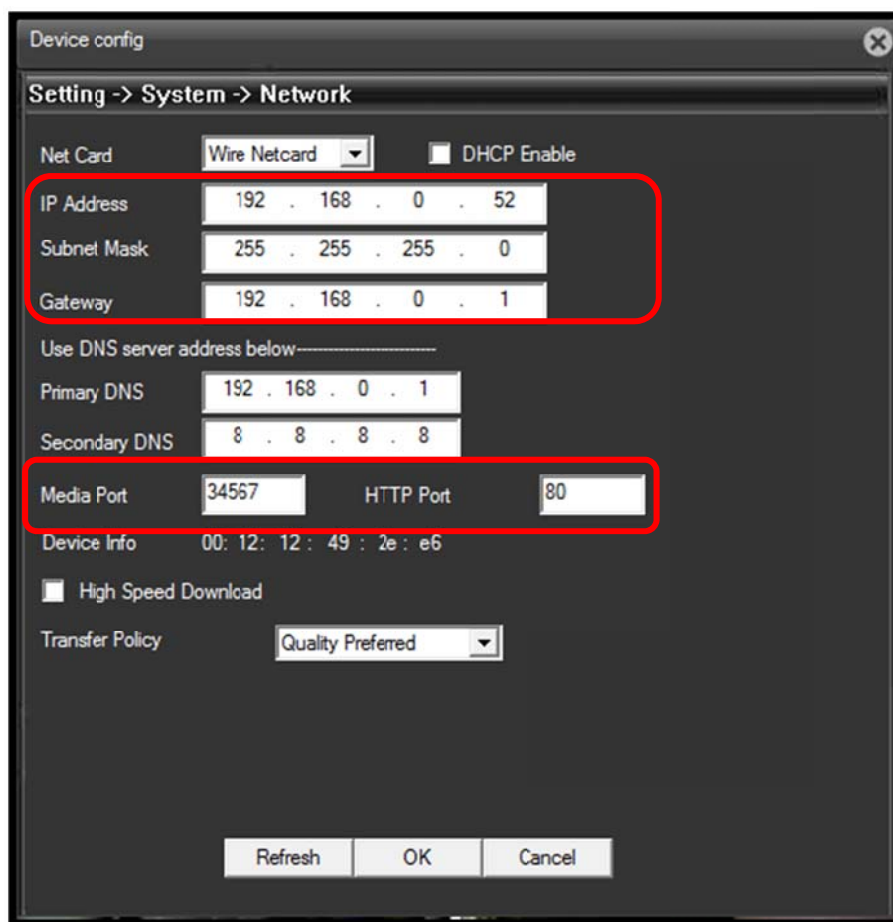
3) At the 'Default' screen, select the components you wish to restore



5 DDNS settings

5.1 IP camera IP address settings

1) Go to 'Settings' → 'System' → 'Network' and enter the IP address and port number.



Device config

Setting -> System -> Network

Net Card: Wire Netcard DHCP Enable

IP Address: 192 . 168 . 0 . 52

Subnet Mask: 255 . 255 . 255 . 0

Gateway: 192 . 168 . 0 . 1

Use DNS server address below-----

Primary DNS: 192 . 168 . 0 . 1

Secondary DNS: 8 . 8 . 8 . 8

Media Port: 34567 HTTP Port: 80

Device Info: 00: 12: 12 : 49 : 2e : e6

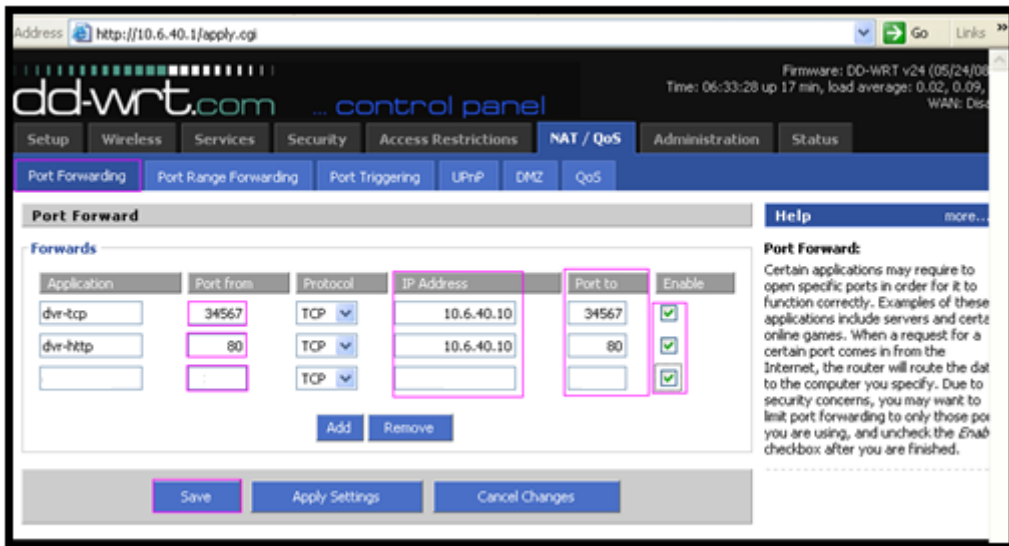
High Speed Download

Transfer Policy: Quality Preferred

Refresh OK Cancel

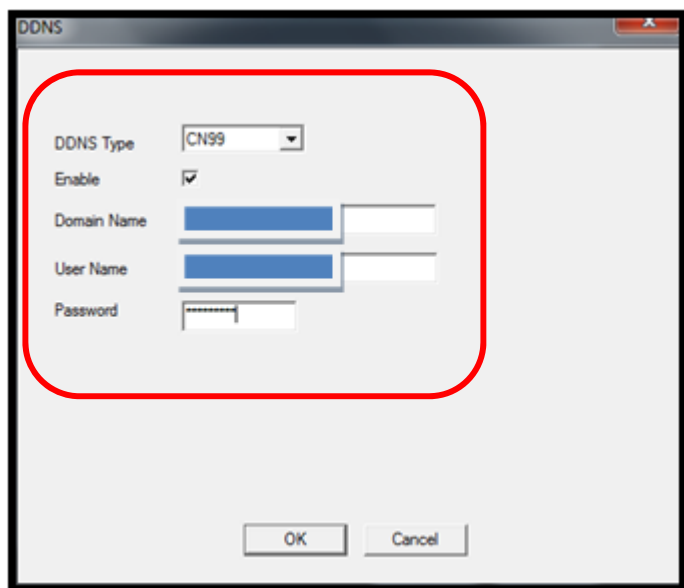
5.2 IP Camera port forwarding

Port forwarding for two ports of the camera is required (HTTP Port: 80; Media Port: 34567)



5.3 IP Camera DDNS activation

- 1) In this example, we will use CN99 DDNS service. Visit 3322.org (<http://www.3322.org>) to register a domain name.
- 2) Go to 'Settings' → 'System' → 'Network', double click 'DDNS', enter the domain name you registered.



6 Access via mobile app

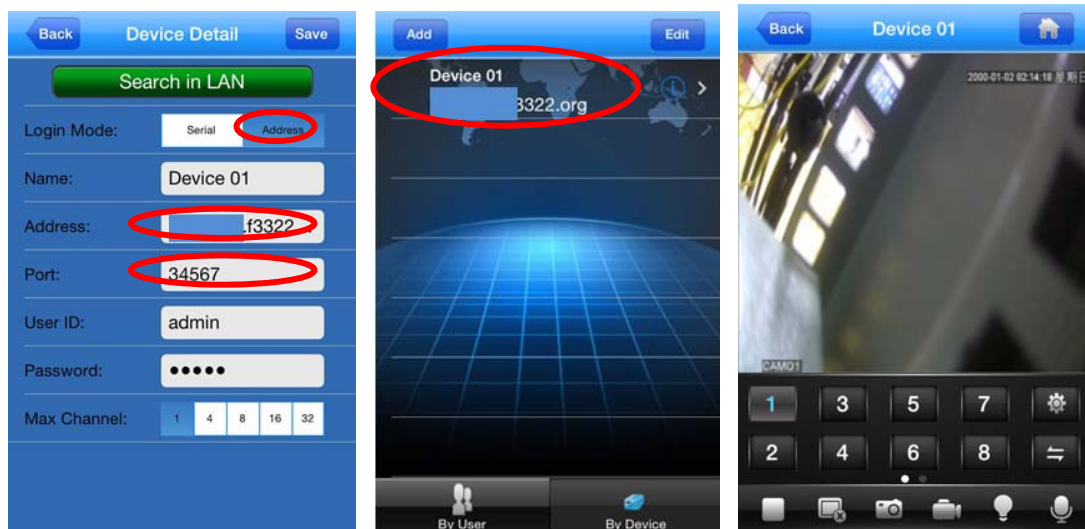
Below are instructions for installing and using the mobile app on iOS or Android systems.

App for iOS/Android: vMEyeCloud.



6.1 Connect via domain name

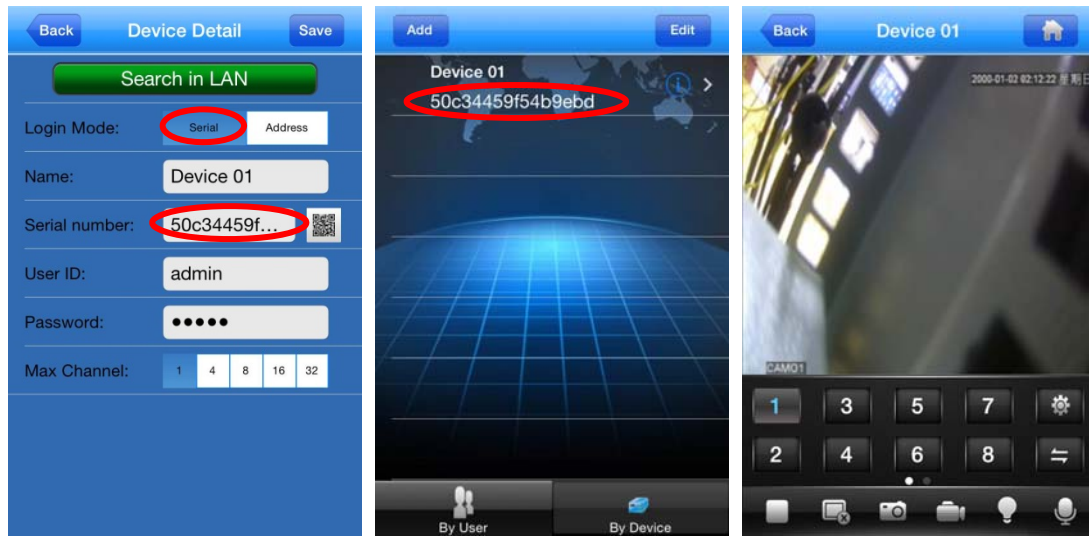
To allow access from an external network, it is necessary to have a correct IP address, the appropriate port forwarded (media port: 34567), and DDNS setup performed.



6.2 Connect via cloud networking

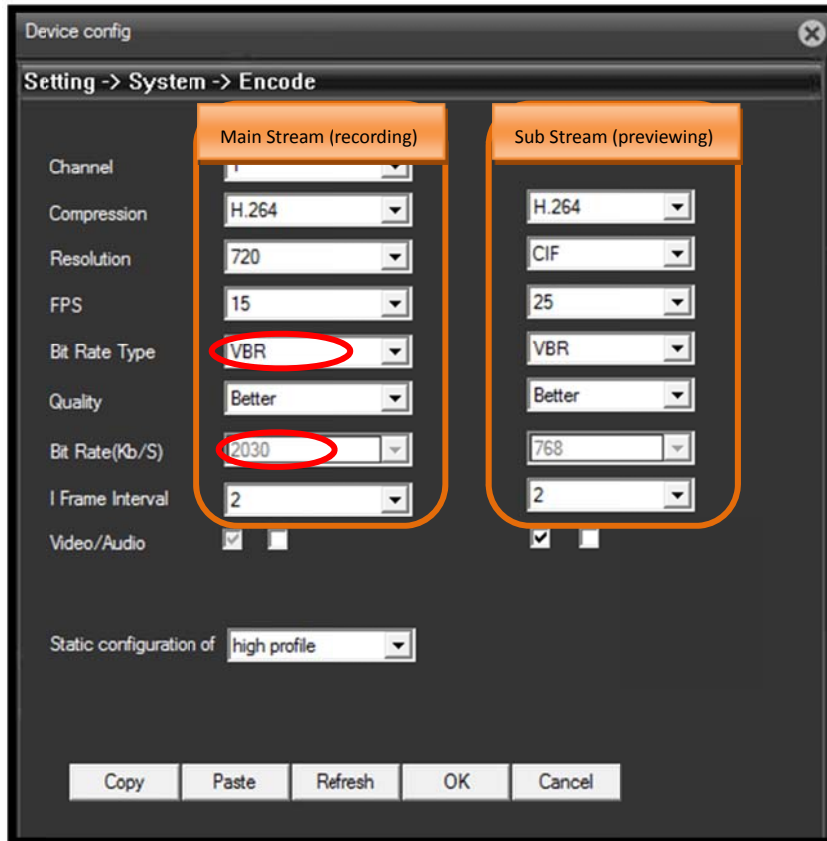
To allow access via cloud networking, first of all you will need to ensure that the IP address settings are correct to enable internet access. Next you will need to obtain the cloud networking serial number by looking up

system details of camera via IE, or by using Device Manager.











7 Streaming settings

1) Go to 'Settings' → 'System' → 'Encode'



★ When VBR (variable bit rate) is selected, 'Bit Rate' field becomes non-selectable
★ When CBR (constant bit rate) is selected, 'Bit Rate' field is selectable.

- ※ Recommended settings for recording:
1. Bit Rate Type: CBR (constant bit rate)
 2. Bit Rate: 2048 kbps

Model		BVN133	BVN135	BVN138	BVN139	BVN203	BVN205	BVN208	BVN209
Type		IR mini dome	IR bullet	IR bullet	IR bullet	IR mini dome	IR mini dome	IR bullet	IR bullet
Product Image									
System	DSP	dual core 32 bits DSP, pure hard compression							
	Operating System	Embedded RTOS							
Camera	Image sensor	1.3 Megapixel CMOS sensor				2.0 Megapixel CMOS sensor			
	Minimum Illumination	0.1 Lux							
	IR LED	6 units (array)	24 units	2 units (array)	42 units	6 units (array)	24 units	2 units (array)	42 units
	Effective IR Range (m)	25	15	35	30	25	15	35	30
	Lens	3.6mm			2.8-12mm		3.6mm		2.8-12mm
Video	Compression Format	H.264 compression							
	Compression Technology	dual stream technology							
	Encoding	AVI							
	Bit Rate	0.1M~6Mbps adjustable							
	Frame Rate	1~30fps adjustable							
	Image Output	Main Stream: 1280*960 1280*720 Sub Stream: 704*576				Main Stream: 1920*1080 Sub Stream: 704*576			
Network	Protocol	RTSP/FTP/PPPOE/DHCP/NTP/UPnP							
	Interfaces	1RJ45 Ethernet interface, 10/100M adaptation							
	ONVIF	Support							
	Mobile Monitoring	Supports iOS, Android, Windows Mobile, BlackBerry							
	Functions	Supports web configuration, real time transmission, central remote monitoring client software							
General	Power Supply	DC 12V							
	Shell Material	Plastic	Metal			Plastic	Metal		
	Shell Color	White/Black	White	Grey	White	White/Black	White	Grey	White
	Dimensions (mm)	94(Ø) X 71(H)	160(L) x 62(W) x 70(H)	245(L) x 90(W) x 113(H)	230(L) x 75(W) x 98(H)	94(Ø) X 71(H)	160(L) x 62(W) x 70(H)	245(L) x 90(W) x 113(H)	230(L) x 75(W) x 98(H)
	Gross Weight (g)	225	418	645	560	225	418	645	560
	Ingress Protection	—	IP66			—	IP66		