

## 1.3/2/3MEGA HD NETWORK 70 IR BULLET CAMERA

# WIIV-130D70

# WIIV-220D70

# WIIV-320D70

## • QR CODE



WIIV-130D70



WIIV-220D70



WIIV-320D70



Our IP camera shows simply the highest image performance. Our 3MP network cameras provide sharp and crystal clear image at 2048x1536. This is almost 15X better than a D1 resolution of 704x480i which is the maximum of analog camera recorded DVR.



## Progressive Scan VS Interlaced Scan

In case of the interlaced scan problem it occurs an ocular spectrum if the subject moves quickly. But our camera solves that problem by mounting the 3.1 Megapixel Progressive Scan CMOS. So it can make the high quality image for defining the number plate and the face.



Conventional Camera



Progressive Scan CMOS Camera

## D-WDR (Wide Dynamic Range)

It provides no limitation of zone area with the D-WDR function and the image is clearer than when using traditional BLC function.

It combines bright area with high shutter speed exposure and dark area with low shutter speed exposure into one composite image in order to get details from dark and bright combination image without any saturation.



D-WDR OFF



D-WDR ON

## → KEY FEATURES

## WIIV-130D70

- 1/3" SONY 1.3 Mega Progressive Scan Sensor
- 1.3 Megapixel Super Resolution Image (1280x1024)
- Max. 30FPS@Any Resolution
- Sens-up (x14)

## WIIV-220D70

- 1/2.9" SONY 2.07 Mega Progressive Scan Sensor
- 2.07 Megapixel Ultra Resolution Image (1920x1080)
- Max. 30FPS@Any Resolution
- Sens-up (x6)

## WIIV-320D70

- 1/2.8" SONY 3.14 Mega Progressive Scan Sensor
- 3.1 Megapixel Ultra Resolution Image (2048x1536)
- Max. 5~20FPS@Any Resolution
- Sens-up (x6)

## COMMON

- Linux OS
- High Quality of Compression Algorithm (H.264 / MPEG4 / MJPEG)
- 32ch Free NVR Software Support
- Web Server Built-in
- ONVIF Ver 2.0 Support
- 3rd Party CMS Support
  - : ExacqVision (RTSP), GeoVision (RTSP), Nuuo (ONVIF), Milestone (RTSP), Ossi, Avermedia (RTSP)
- Smart Phone Viewer Support (Android, i-Phone)
- Real-Time Dual Streaming
- Multi Connection : 10 Users
- D-WDR (Digital Wide Dynamic Range)
- DNR (Digital Noise Reduction)
- Digital Zoom
- DC Varifocal ICR Mega Lens f=2.8~12.0mm
- IR LED 70pcs (IR Distance : Max. 70m)
- External Zoom & Focus Adjustable
- Second Video Output (CVBS)
- 3 Axis Gimbal Bracket
- Fan & Heater Available (Option)
- IP68 Water-proof
- SD Card Slot
- DC 12V / PoE

## → SPECIFICATIONS

		WIIV-130D70	WIIV-220D70	WIIV-320D70
Camera	Image Sensor	SONY 1.3 Megapixel Image Sensor	SONY 2.07 Megapixel Image Sensor	SONY 3.14 Megapixel Image Sensor
	Scanning System	Progressive Scan		
	Total Pixels	1384(H) x 1076(V) = 1.49M (Pixels)	2000(H) x 1121(V) = 2.24M (Pixels)	2144(H) x 1588(V) = 3.4M (Pixels)
	Effective Pixels	1329(H) x 1049(V) = 1.399M (Pixels)	1984(H) x 1105(V) = 2.19M (Pixels)	2048(H) x 1536(V) = 3.14M (Pixels)
	Min. Illumination	0.5Lux (Sens-up : 0.0004Lux) 0Lux (IR LED On)	1.0Lux (Sens-up : 0.4Lux) 0Lux (IR LED On)	1.5Lux (Sens-up : 0.4Lux) 0Lux (IR LED On)
	Lens	DC Varifocal ICR Mega Lens f=2.8~12.0mm		
	IR LED	70 pcs (850nm)		
	Day & Night System	True Day & Night (Mechanism Filter Mountable)		
	Electronic Shutter Speed	1/15 ~ 1/10,000sec		
	Algorithm	H.264 / MPEG4 / MJPEG		
	Resolution	1280x1024 / 1280x960 / 1280x720 1024x768 / 640x480 / 320x240	1920x1080 / 1280x1024 / 1280x960 etc. (All 6 resolution mode selectable)	2048x1536 / 1600x1200 / 1920x1080 etc. (All 6 resolution mode selectable)
	Frame Rate	30fps (@1280x1024)	Max. 30fps (@1920x1080)	Max. 20fps (@2048x1536)
	Bit Rate	64 ~ 6000Kbps	64 ~ 12000Kbps	
Audio	Algorithm	G.711 $\mu$ -law		
	Sample Rate	8KHz		
	Bit Rate	64Kbps		
	Input	Line-in (Single Mono) : 1ea		
	Output	Line-out (Single Mono) : 1ea		
Network	Network Interface	Ethernet 10/100 Base-T (RJ-45)		
	Network Portocol	TCP/IP, UDP/IP, RTP, RTSP, RTCP, NTP, HTTP, DHCP, FTP, SMTP, DNS, DDNS, ARP, ICMP, CGI		
Function	Day & Night	Day (Color) / Night (BW) / Auto (IR Cut Filter)		
	Motion Detection	Adjustable		
	Privacy Masking	Adjustable		
Sensor	Sensor Input	1 Input		
	Alarm Output	1 Output (Digital Out, Open Collector)		
Environment	Operating Temperature	14°F ~ 122°F (-10°C ~ +50°C)		
	Storage Temperature	-4°F ~ 140°F (-20°C ~ +60°C)		
	Humidity	Less than 80%		
	Power Consumption	DC 12V ( $\pm$ 10%), Max. 380mA (IR LED On), (PoE : Option)		

\* Design and specification are subject to change without notice.

## → DIMENSIONS

Unit : mm

