

## IP network camera series

- iPhone, Adroid, Blackberry app
- 56 LED nightvisionn available
- Face tracking, object count and virtual fence
- NVR/CAM software for managemement



Type	Indoor	Indoor	Indoor dome	Outdoor	Outdoor	Outdoor	Outdoor PTZ	Outdoor PTX
Night vision		YES		YES	YES	YES		
Zoom*	NO	NO	YES	NO	YES	YES	YES 22x	Yes 22x
LAN port 10/100	YES 1	YES 1	YES 1	YES 1	YES 1	YES 1	YES 1	YES 1
Wireless WiFi 802.11bgn	No, use Ubiquiti products like Picostation5	YES, use dongle WU5214* or Ubiquiti products	No, use Ubiquiti products like Picostation5	No, use Ubiquiti products like Picostation5	No, use Ubiquiti products like Picostation5	No, use Ubiquiti products like Picostation5	No, use Ubiquiti products like Picostation5	No, use Ubiquiti products like Picostation5
USB port	N/A	YES	N/A	N/A	N/A	N/A	N/A	N/A
Online users	10	10	10	10	10	10	10	10
Security	Multiple user access levels with password protection							
Security Wi-Fi (AVN212 only)	N/A	WEP/WPA-PSK/WPA2-PSK	N/A	N/A	N/A	N/A	N/A	N/A
Management	Use common browsers and/or NVR/CMS software to control up to 16 cameras Some models also suport AJAX management							
iPhone app	Yes, free to download on Apple app store. Also for Blackbeery, WinCE, J2ME, Android							
<b>VIDEO:</b>								
Video compression	H.264/MPEG4/MJPEG	H.264/MPEG4/MJPEG	H.264/MPEG4/MJPEG	H.264	H.264	H.264/MPEG4/MJPEG	H.264/MPEG4/MJPEG	H.264/MPEG4/MJPEG
Video resolution						SXGA/SXVGA/720p/VGA/QVGA	high resolution	high resolution
Mobile video	3GPP	3GPP						
<b>AUDIO:</b>								
Microphone	N/A	Yes, built-in mic and extern mic	NO	NO	NO	NO	NO	NO
Audio out	N/A	Yes	NO	NO	NO	NO	NO	NO
<b>CAMERA:</b>								
Image sensor	1/3 H.R CCD	1/3 CCD	1/3 H.R CCD	1/3 H.R CCD	1/3 H.R CCD	1/3 MOS-type	1/4 Sony HADCCD	1/4 Sony HADCCD
Pixel (PAL)	752(H)x582(V)	752(H)x582(V)	752(H)x582(V)	752(H)x582(V)	752(H)x582(V)	1280 x1024	752(H)x582(V)	752(H)x582(V)
Lens in mm	f4.6	f4.6	f4.0-f9.9	f6.0	f4.0-f9.0	f6.0	f3.9 - 86	f3.9 - 86
F-number	F1.9	F1.9	F1.4	F1.4	F1.8	F1.8	F1.6	F1.6
Alarm/Event notification	file upload over FTP/Email	file upload over FTP/Email	file upload over FTP/Email	file upload over FTP/Email	file upload over FTP/Email	file upload over FTP/Email	file upload over FTP/Email	file upload over FTP/Email
Viewing angle Pan/tilt range	60	60	36-75	48	36-75	62	tilt 90 pan 360	Vi
Fps/shutter speed(PAL)	1/50 to 1/100 000sec	1/50 to 1/100 000sec	1/50 to 1/100 000sec	1/50 to 1/100 000sec	1/50 to 1/100 000sec	1/60 to 1/60000 sec	1/60 to 1/100000 sec	1/60 to 1/100000 sec
Min illumination IR-ON	1 Lux	0 Lux (10m IR ON)	0.15 Lux	0.05 Lux	0.05 Lux 0 Lux	h0.2 Lux 0 Lux	N/A	N/A
Digital pan/tilt	N/A	N/A	N/A	N/A	N/A	YES	N/A	N/A

	AVN 211	AVN 212	AVN 222	AVN 252	AVN 263	AVN 362	AVN 244	AVN 284
Virtual fence	NO	NO	NO	NO	NO	YES	NO	NO
Flow/object pass counting	hNO	NO	NO	NO	NO	YES	NO	NO
Face tracking	NO	NO	NO	NO	NO	YES	NO	NO
Video Output	1.0Vp-p 75ohm	1.0Vp-p 75ohm						
BLC	AUTO	AUTO					on/off	
White balance	ATW	ATW	ATW			ATW	see datasheet	see datasheet
IR shift			Fixed		YES	YES		
No of LEDs				56LED	56LED	56LED		
IR range meter				40 meter	40 meter	25 meter		

**OTHER DETAILS:**

Motion detection	Yes	Yes	Yes	Yes	YES	YES	YES	YES
Power/Consumption	DC12V/ 0.5A	DC12V/ 1.0A	DC12V/ 0.6A	DC12V/ 1.5A	230V 13watt	DC12V/ 1.0-1.5A	DC12V/ 1.5A	DC12V/ 3.0A
IP classification	N/A	N/A	N/A	IP67	IP67	IP67	IP66	IP66
Operating temperature	0-40C	0-40C		-20 - +40 Start-up min. -10	0-40	-20 - +40	0 - +40	-10 - +50
Dimension in mm	153x116x41	153x116x41	125diam x102	283x116 x213	283x246 x118	283x246 x118	145x209 ex bracket	323x339 incl brack
Shipping weight	812g	812g						
Incl mount bracket	Yes	YES	YES	YES	YES	YES	order separate	order separate

**FOLLOWING DETAILS ARE COMMON FOR ALL MODELS:**

Protocols	DDNS, PPPoE, DHCP, NTP, SNTP, TCP/IP, ICMP, SMTP, FTP, HTTP, RTP, RTSP
Frame rate	PAL 25fr/sec & NTSC 30 fr/sec
*Smart zoom	The camera zooms in on the object that triggered the alarm
* Wireless	AVN212 : optional product WU5214 is a 802.11 b/g/n USB dongle
AVTECH	Avtech support the common standard ONVIF
Datasheet	Download data sheets incl dimenseion drawings, they are available in our webshop under each product number