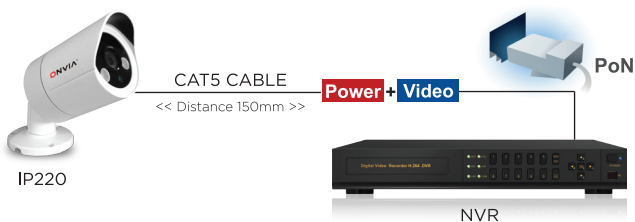




## POWER OVER NETWORK (PoN)



Power-over-Network (PoN) eliminates the need to run 110/220 VAC power to Wireless Access Points and other devices on a wired LAN. Using Power-over-Ethernet system installers need to run only a single CAT5 Ethernet cable that carries both power and data to each device. This allows greater flexibility in the locating of AP's and network devices and significantly decreasing installation costs in many cases.

PRODUCT INFORMATION

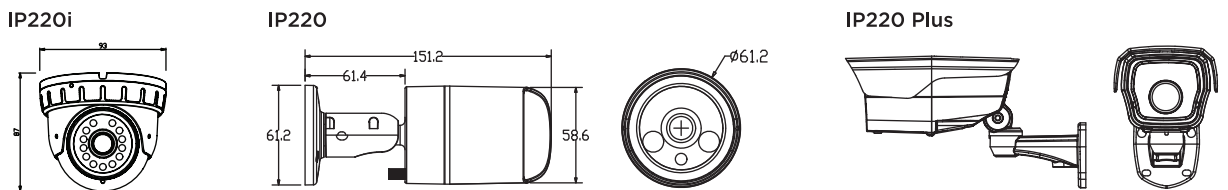
## HIGHER COMPRESSION RATIO & SHARPER IMAGES IR IP CAMERA 2.2 MEGA PIXEL CAMERA IP220i / IP220 / IP220 PLUS

The IP220i/ IP220/ IP220 PLUS incorporates the Sony CMOS digital imaging chipset, this 2.2 megapixel camera, supports HD image display, allowing users to have clear and sharp monitoring pictures. Its IR projection distance could reach up to 30-50 meters for dark area monitoring, suitable for places like factories or warehouses.

SPECIFICATIONS

		IP220i	IP220	IP220 PLUS
<b>Image Sensor</b>		1/3" Sony CMOS Digital Image Sensor	1/3" Sony CMOS Digital Image Sensor	1/3" Sony CMOS Digital Image Sensor
<b>Horizontal Resolution</b>		2.2 MegaPixel	2.2 MegaPixel	2.2 MegaPixel
<b>Effective Pixels</b>		1920(H) x 1080(V)	1920(H) x 1080(V)	1920(H) x 1080(V)
<b>Scanning System</b>		2.1 Interlace	2.1 Interlace	2.1 Interlace
<b>Shutter Speed</b>		NTSC: 1/60 - 1/100 000sec. PAL: 1/50 - 1/100 000sec.	NTSC: 1/60 - 1/100 000sec. PAL: 1/50 - 1/100 000sec.	NTSC: 1/60 - 1/100 000sec. PAL: 1/50 - 1/100 000sec.
<b>S/N Ratio</b>		More than 45dB	More than 45dB	More than 45dB
<b>Sync. System</b>		Internal	Internal	Internal
<b>Bitrate</b>		512Kbps - 8Mbps	512Kbps - 8Mbps	512Kbps - 8Mbps
<b>Network Interface</b>		RJ45 10M/100M	RJ45 10M/100M	RJ45 10M/100M
<b>Minimum Illumination</b>		0.01 Lux	0.01 Lux	0.01 Lux
<b>Lens</b>		3.6mm Fixed Iris Lens (Optional 6mm)	3.6mm Fixed Iris Lens (Optional 6mm)	2.8mm - 12mm Vari-Focal Lens
<b>Lens Viewing Angle</b>	<b>3.6mm</b>	74° Horizontal°, 56° Vertical°, 92° Diagonal°	74° Horizontal°, 56° Vertical°, 92° Diagonal°	109°-22° Horizontal°, 82°-16° Vertical°, 136°-28° Diagonal°
	<b>6mm</b>	42° Horizontal°, 32° Vertical°, 53° Diagonal°	42° Horizontal°, 32° Vertical°, 53° Diagonal°	
<b>Infrared Luminary</b>		12pcs x IR LEDs	2pcs x Array IR	2pcs x Array IR
<b>IR Distance</b>		30 Meter	30 Meter	50 Meter
<b>Video Output</b>		1Vp-p / 75 Ohms	1Vp-p / 75 Ohms	1Vp-p / 75 Ohms
<b>Power Supply</b>		DC12V / PoN (power by NVR mainboard)	DC12V / PoN (power by NVR mainboard)	DC12V / PoN (power by NVR mainboard)
<b>Operation Temperature</b>		10° C to 55° C	10° C to 55° C	10° C to 55° C
<b>Operation Humidity</b>		Max. 90% RH	Max. 90% RH	Max. 90% RH
<b>Storage Temperature</b>		30° C to 60° C	30° C to 60° C	30° C to 60° C
<b>Waterproof Rating</b>		IP66	IP66	IP66

DIMENSION



COMPARISON IMAGE

HIGH RESOLUTION

It comes 6X bigger resolution compared to a Normal CCTV Camera. One of the most compelling advantages of Mega Pixel surveillance systems is the ability to capture more details in a frame and at the same time not missing any finer details.



CONVENTIONAL



2.2 MEGA PIXEL

DAY AND NIGHT

This IP camera built-in IR illuminators, which enable the camera to provide color video when there is sufficient light, and black/white video in dark conditions. The camera is able to maintain clear images 24 hours a day.



Day & Night