		**Key features** ★ 12MP smart dual light bullet network camera ★ 2.8mm lens brings everything back to life ★ Efficient H.265+ compression technology ★ Motion detection 2.0 with human & Vehicle Detection ★ Clear day and night vision with 3D DNR and 120DB WDR ★ Built-in microphone for real-time audio security ★ Support on-board storage up to 512 GB (SD card slot) ★ IP67 Dust and Waterproof Rating ★ Support PoE &DC12V
Model Number		**I91DD**
IP Camera		
Camera	Image Sensor	1/2.7" Progressive Scan CMOS
	Max resolution	4096*3072(12MP)
	Main Stream	50 Hz: 10 fps@4096*3072, 12.5 fps@(3840*2160, 3200*1800, 2688*1520, 1920*1080, 1280*720) 60 Hz: 10 fps@4096*3072, 15 fps@(3840*2160, 3200*1800, 2688*1520, 1920*1080, 1280*720)
	Substream	50 Hz: 12.5 fps (1280*720, 640*480, 640*360) 60 Hz: 15 fps (1280*720, 640*480, 640*360)
	Video Compression	Main stream: H.265+/H.265/H.264+/H.264 Sub-stream: H.265/H.264/MJPEG
	Video Bitrate	32 Kbps - 16 Mbps
	Audio Compression	G.711ulaw/G.711alaw/G.722.1/G.726/MP2L2/PCM/AAC-LC
	Audio Input	Built-in Microphone, record with audio
	Lens	2.8 mm
	Min. Illumination	Color: 0.01 Lux @ (F2.0, AGC ON), B/W: 0 Lux with IR
	Angle of View	Horizontal FOV 113°, vertical FOV 62°, diagonal FOV 134°
	Supplement Light Type	Smart Dual-Light, IR, White Light
	Supplement Light Range	Up to 30 m
	Motion detection 2.0	Supoort, include Human & Vehicle detection
	Image Enhancement	BLC, HLC, 3D DNR
	Wide Dynamic Range	120 dB WDR
	Protocols	TCP/IP, ICMP, DHCP, DNS, HTTP, RTP, RTSP, NTP, IGMP, IPv6, UDP, QoS, FTP, SMTP, UPnP
	API	Open Network Video Interface Version 19.12 (Profile S, Profile T, Profile G)
	Region of Interest (ROI)	1 fixed region for main stream
	Privacy Mask	4 programmable polygon privacy masks
	General Function	Rotate mode, mirror, password protection, remote access
	Ethernet	1 RJ45 10 M/100 M self-adaptive Ethernet port
General	Housing	Metal & Plastic
	Color	White & Black
	Storage	Built-in microSD/SDHC/SDXC Slot, up to 512 GB
	Hardware Reset	Yes
	Operating Power	DC 12 V± 25%, max. 5 W; PoE (802.3af), max. 6.5 W
	Operating Temperature	-22 °F – 140 °F/-30 °C – 60 °C
	Indoor/Outdoor Use	Indoor/Outdoor
	Interface Protection	IP67
	Dimension (L X W X H)	170.8 mm × 66 mm × 69.1 mm (6.7" × 2.6" × 2.7")
	Weight	0.6 lb./285 g

		· Live view, recording&playback up to 12 MP resolution · Up to 8 channel IP cameras can be connected with built-in PoE inputs · Advanced H.265+ Video Compression · Supports iPhone、iPad、Android mobile remote monitoring · Connectable to the third-party network cameras · HDMI Video output at up to 4K (3840 × 2160) resolution · Annke Vision for easy remote view · Support 4-ch Human and vehicle targets detection
Model Number		**N48PAW**
NVR		
Video & Audio	Decoding Format	H.264+/H.264/H.265/H.265+
	IP Video Input	8CH PoE
	Video Output	HDMI up to 4K (3840 × 2160), VGA up to 1080p(1920 × 1080)
	Audio Input/Output	1/1 RCA
	Incoming/outgoing Bandwidth	80/80 Mbps
	Max Recording Resolution	Up to 12MP(4096 X 3072)@30fps(Frame rate depends on IP camera)
	Max Playback Resolution	Up to 12MP(4096 X 3072)@30fps(Frame rate depends on IP camera)
	Max Playback Channel	8CH
	Max Playback Capacity	1-ch@12 MP(4096 X 3072) (30 fps)/3-ch@4 MP (30 fps)/6-ch@1080p (30 fps)
Hard Drive	HDD	1 SATA Interface
	HDD Capacity	Up to 8 TB Capacity
External Interface	Network Interface	1, RJ-45 10/100Mbps self-adaptive Ethernet interface
	PoE	8, RJ-45 10/100 Mbps self-adaptive Ethernet interface, IEEE 802.3 af/at
	USB interface	USB 2.0*2
Smart Function	Deep learning	8-ch Human and vehicle targets detection(Need IP camera support)
		4-ch Human and vehicle targets detection(IP camera does not need to support this function but the resolution cannot exceed 4MP)
	Smart Event	Line crossing detection, intrusion detection, region entrance detection, region exiting detection(Need IP camera support)
General	Operating Power	DC 48 V
	Power Consumption	≤10 W (Without HDD and PoE)
		PoE: Max 25.5 W for Single Port
	Working Temperature	14 °F ~ 131 °F/-10 °C ~+55 °C
	Dimensions (W X H X D)	12.4" X 9.4" X 1.9"/315 X 240 X 48 mm
	Weight (Without Hard Dis	2.2 lbs/1 kg