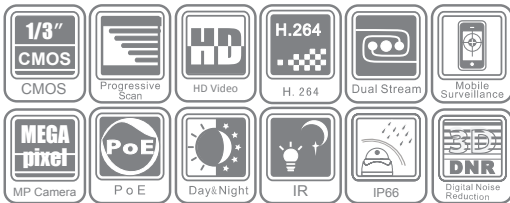


# KNT-IP8322-28M



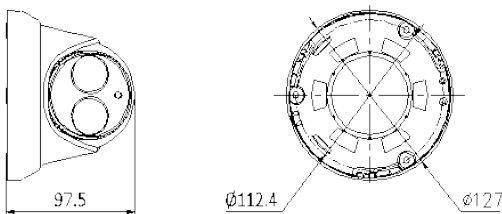
## Matrix IR Turret Network Camera



### Key features

- 1.3/3.0 megapixel high resolution
- HD real-time video
- Day / night auto switch
- IP66 ingress protection
- Matrix IR illuminator (up to 100ft/30m)
- 3D DNR & DWDR

### Dimensions



Unit: mm

	KNT-IP8222-28M (1.3MP)	KNT-IP8322-28M (3MP)
<b>Camera</b>		
Image sensor	1/3" progressive scan CMOS	
Min. illumination	0.028 lux@F2.0, AGC on 0 lux with IR	0.14 lux@F2.0, AGC on 0 lux with IR
Shutter time	1/25s ~ 1/100,000s	
Lens	2.8mm@F2.0 1280 x 960: angle of view: 92.5°	2.8mm@F2.0 2048 × 1536: angle of view: 86° 1920 × 1080: angle of view: 98.5°
Lens mount	M12	
Angle adjustment	Horizontal: 0° ~ 360° , vertical: 0° ~ 75° , rotation: 0° ~ 360°	
Day & night	ICR	
Digital noise reduction	3D DNR	
Wide dynamic range	Digital WDR	
<b>Compression standard</b>		
Video compression	H.264 / MJPEG	
Bit rate	32 Kbps ~ 16 Mbps	
Dual stream	Yes	
<b>Image</b>		
Max. image resolution	1280 x 960	2048 x 1536
Frame rate	60Hz: 30fps (1280 x 960), 30fps (1280 x 720) 50Hz: 25fps (1280 x 960), 25fps (1280 x 720)	60Hz: 20fps (2048 x 1536), 30fps (1920 x 1080), 30fps (1280 x 720) 50Hz: 20fps (2048 x 1536), 25fps (1920 x 1080), 25fps (1280 x 720)
Image settings	Saturation, brightness, contrast adjustable through client software or web browser	
<b>Network</b>		
Network storage	NAS (iSCSI optional)	
Alarm trigger	Motion detection, tampering alarm, network disconnect, IP address conflict, storage exception	
Protocols	TCP/IP, HTTP, DHCP, DNS, DDNS, RTP, RTSP, PPPoE, SMTP, NTP, SNMP, HTTPS, FTP, 802.1x, Qos (SIP, SRTP, IPv6 optional)	
System compatibility	ONVIF, PSIA, CGI	
General functionalities	Flickerless, heartbeat, mirror, user authentication, video mask, watermark, reset	
<b>Interface</b>		
Communication interface	1 RJ45 10M / 100M ethernet port and 1 RS-485 interface	
<b>General</b>		
Operating conditions	-13° F ~ 140° F (-25° C ~ 60° C) humidity 95% or less (non-condensing)	
Power supply	12 VDC ± 10%, PoE (802.3af)	
Power consumption	Max. 7W	
Ingress protection	IP66	
IR range	Up to 100ft(30m)	
Dimensions	Φ 5.0 " × 3.9" (Φ 127.0 x 97.5 mm)	
Weight	1.5lb(670g)	