SPECIFICATION

Camera

Image Sensor	1/2.7" CMOS
Main processing chip	MS313E+IMX307
Effective Pixels	1920(H)×1080(V)
Minimum illumination	0.001Lux/F1.2(color)
Lens	4.0mm
IR	None
Electronic Shutter Speed	1/25---1/1000 sec
Day/ Night Mode	Full color
Monitor	Support

Compression stander

Video compression	H.265/H.264
H.265 Encoding type	PROFILE_BASELINE
Compression and transmission rate	32 Kbps~ 8Mbps

Image

Video rate	Main stream：1920*1080（1080P, 1280*960（960P, 1280*720（720P）,640*480(VGA)； Dual stream：640*480(VGA),352*288（CIF,176*144(QVGA)
Video frame rate	25fps
Pixel size	3.0um(H)*3.0um(V)
Area-of-interest	Support 8 ROI area
Hide setting	Support 4 hide area
Image setting	Luminance, contrast, gain, shutter, W/b etc.
Mirror image	Support standard, vertical ,diagonal mirror

Network Function

Intelligent alarm	Motion detection, dis-alarm area setting, video lost alarm, network cable disconnect alarm; IP address conflict alarm.
Supported protocol	TCP/IP, DHCP, HTTP, NTP, DNS, RTP RTSP
Protocol Compatibility	ONVIF, HIKVISION and DAHUA private protocol
Platform function	Build in P2P achieve flexible remote viewing
General function	One-Key Recovery, dual-stream, heartbeat-sending sequence of the signal to indicate network state, mirror, privacy mask, Anonymous access and etc.
Communication port	RJ45 10M/100M self-adaption Ethernet port

General specification

Power supply	DC12V
power consumption	6W

FEATURES

- 1 Based on ARM Cortex A7 video processor, Linux embedded operating system, embedded RTOS design. Low bit rate, low power consumption, stable and reliable. Purely compressed, watchdog.
- H.265 video coding, high compression ratio, good picture quality; support dynamic code rate control.
- Short video delay, clear and smooth video high-speed motion.
- High-performance 3D digital noise reduction and edge enhancement, using ROI video compression technology, high compression ratio;
- 1 RJ45 Ethernet interface, 10/100M self-adaptive; supports HTTP/RTSP/DHCP and other network protocols;
- ICR infrared filter automatic switching, real day and night monitoring
- Support electronic shutter to adopt variety monitoring environment
- Full function supported in Web: Basic and digest identification, Anonymous access, mirror, Motion detection, recording, motion detection recording and etc.
- Onvif supported
- Real time monitoring and two-way talk;
- Support Danale APP and monitoring via mobile phone or computer
- Support POE power
- DC12V power input

DATA SHEET