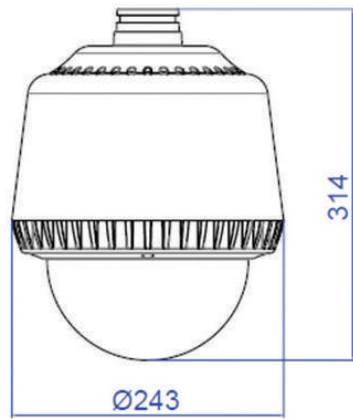


FW8706-QNP

4MP Speed Dome



FW8706-QNP is a high quality PTZ IP camera which is equipped with 4MP(effective pixel) Progressive Scan CMOS image Sensor. With the highest sensitivity sensor, it is especially superior in low light condition. As it supports simultaneous H,265, H,264 and MJPEG Video Compression, less network bandwidth and storage space required. It also delivers high quality video image at 30 fps @ 4MP (2688X1520) in progressive mode.



▲
FW8706-QNP
4MP IR Speed Dome

• Key Features

- Ambarella platform - Backdoor Issue free
- Sony 1/1.8" 6.44MP PS CMOS sensor
- Optical 36x zoom, Digital 32x zoom
- True Day & Night with Mechanical IR Cut filter
- 255 Preset (Max, 512 preset with internal menu set)
- Programmable preset moving by schedule (Built-in RTC)
- Shock Detection Sensor
- Nominate North direction and display
- Pan angle display from zero position
- Pan / Tilt self-refresh correction

• Tech Notes

Schedule Pan Tilt Zoom

Built-in Real Time Clock enables the scheduling of Pan Tilt Zoom functions including independent exposure settings for each preset.

Nominal North direction

User can set the North direction of camera so it displays the cardinal directions while moving.

Text OSD

User can set 9 set of text strings to display direction of the camera or location of the camera. Each string can be extended up to 24 alphanumeric characters. When PTZ moves to the pre-set PAN angle up to 8, it automatically displays the text string set on the PAN angle like "to Las Vegas" or "-> Los Angeles"

FW8706-QNP

► Technical Specifications

Camera

Imaging Sensor	1/1.8" 6.44MP Sony CMOS
Lens	Optical 36x (Digital 32x) f=6.0~216.0mm (F1.5~F4.8)
Day & Night	True Day & Night (ICR)
Min. Illumination	0.002lux (DSS On)
S/N ratio	50dB
Pan Tilt Zoom	Pan : 360 ° Endless / Tilt : ~90 ° Optical Zoom 36x, Digital Zoom 32x (Total 1152x) 255 Presets, 8 Patterns, 8 Group, 1 Tour Auto flip, Auto parking, Power-up action, 1 ° ~360 ° Pan Angle Display

Video Stream

System	Ambarella 32bit Embedded Linux 256Mbyte SDRAM, 128Mbyte NAND Flash
Compression	H,265, H,264, M-JPEG, JPEG
Resolution	2688x1520, 1920x1080, 1280x720, 704x480, 640x352, 320x176, 160x96
Frame rate	30fps/25fps @ 4MP (2688x1520)
Video Stream	Quadruple Streaming, selectable : H,265/H,264/MJPEG, Frame rate, Bitrate, VBR/AVBR/CBR/ACBR, GOP

Video Setting

Focus control	Auto/Semi Auto/Interval/Manual
Exposure control	Shutter: Auto / Priority / Shut. Priority / Manual (1/30s(25s) ~ 1/30,000s); Brightness; Backlight (BLC, Realtime WDR); Flickless; Iris; DSS; AGC
Day & Night	Day/ Night/ Ext, Day <-> Night Threshold
White Balance	Auto/Indoor/Outdoor/Manual
Image Setting	Gamma, sharpness, noise reduction (3DNR), De-Fog, DIS, ACE, HLC, privacy, mirror
Text OSD	Max. 9 lines

Illuminator

Type	-
Distance	-

Network

Security	IP Filtering, HTTPS, Encrypted & Basic Authentication, Management White List
Supported protocols	HTTP, RTP/RTSP(Uni/Multicast), TCP/IP(v4/v6), UDP, FTP, Telnet, HTTPS, RARP, SNMP, DHCP, NTP, SMTP client, uPnP&etc
DDNS	www.ipcctvdns.com
Interface	RJ45 Ehternet 10/100Mbps

System Intergration

Programing Interface	SDK, OnVIF Profile S
Video Analytic	Motion detection, Optional: ROI, Tripwire, Tampering, Face Detection
Triggering Event	Motion detection, triggering DI, triggering serial input, connected/ disconnected, boot finished
Action on Event	Pre-alarm & Post-alarm buffer. Upload FTP, Email notification, FCM Google notification
Connection	1 DI/ 1DO, RS485

Onboard storage

Type	1 MicroSD Slot
Recording	Always, Schedule, Event, Schedule & Event
Playback	Internet Explorer, FlexWATCH NVR/ CMS/ Mobile App

Audio

Compression	8bit G,711, 8Khz, 8KByte/sec
Audio stream	2 way
Connection	1 Audio In / 1 Audio Out

General

Case	Metal
Power Supply	SMPS, AC24V / 2A, 60Hz
Power Consumption	Max. 30W
Operating Environment	-42°C ~ +70°C, ~90% RH
Fan, Heater	1 FAN, 1 Heater
Dimension	243Ø x 314(H) mm
Weight	About 3000g without Power Supply
Approval	KC, CE, FCC, RoHS, IP66
Accessories	-
Bundle Software	IP Installer, SMVP, Smart NVR Lite