

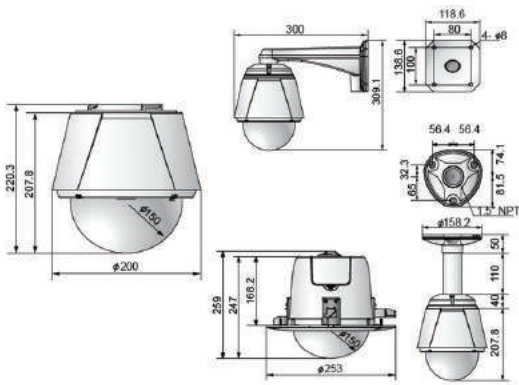
FW7706-FNP

2MP Speed Dome



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FW7706-FNP
2MP IR Speed Dome

FW7706-FNP is a high performance 1ch IR PTZ camera which equipped with a 2.48M Progressive Scan CMOS image Sensor (Zoom: optical 30x(Optional:20x), digital 32x) supports simultaneous H,265, H,264 and MJPEG Video Compression, less network bandwidth and storage space required. FW7706-FNP also delivers high quality video at 30 fps@1920x1080 in progressive mode. it will provide the best IP surveillance solution with a remote monitoring via the Pan / Tilt / Zoom, RS232, two-way Audio, Motion Detection



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• Key Features

- Ambarella platform - Backdoor Issue free
- Panasonic 1/3" 2.48M PS CMOS sensor
- Optical 30x zoom, Digital 32x zoom
- Optional Optical 20X (f5.2~104mm), Digital 32X zoom
- High speed moving up to 500 ° /sec at preset mode
- The shortest path with Vector Drive technology
- Dual Power of 12VDC and 24VAC
- Quadruple Streaming
- Max. 30fps @ 2M (1920 x 1080)
- Various Back light mode of WDR, BLC, HLC
- OnVIF (Profile S) standard

• Tech Notes

Optimized Multiple Profile Streaming

Up to 4 streams are able to be set by different setting parameters such as res, video rate and frame rate to be serviced for different purposes

Powerful H,265 codec

H,265 codec gives more efficient file size than previous H,264 to save storage and bandwidth. Also to have interoperability with legacy systems

FW7706-FNP

► Technical Specifications

Camera	
Imaging Sensor	1/3" Panasonic 2.48MP CMOS
Lens	Optical 30x (Digital 32x) f=4.3~129.0mm (F1.6~F4.7) FOV(H) : 65.1 ° ~2,34 °
Day & Night	True Day & Night (ICR)
Min. Illumination	Color 1/30s : 0.05 lux, B&W 1/30s : 0.005 lux Color DSS on : 0.002 lux, B*W : 0.0001 lux
Pan Tilt Zoom	Pan : 360 ° Endless / Tilt : ~90 ° Preset 500 ° /sec, JOG 0.05 ° ~ 360 ° /sec (zoom proportional) Optical Zoom 30x, Digital Zoom 32x (Total 960x) 209 Presets, 4 Patterns, 10 Swing, 8 Group, 8 Schedules. Auto flip, Auto parking, Power-up action. Text display by 9 Pan angles.

Video Stream	
System	Ambarella 32bit Embedded Linux 256Mbyte SDRAM, 128Mbyte NAND Flash
Compression	H,265, H,264, M-JPEG, JPEG
Resolution	1920x1080, 1280x720, 704x480, 640x352, 320x176, 160x96
Frame rate	30fps/25fps @ Full-HD
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, DC12V / 1.8A or AC24V / 2.0A PoE : IEEE 802.3at (Optional Built-in)
Power Consumption	Max. 21.6W
Operating Environment	-30℃ ~ +50℃, 10% ~ 90% RH
Dimension	148.5Ø x 200(L) x 215.5(H) mm
Weight	About 4200g without Power Supply
Approval	KC, CE, FCC, RoHS
Accessories	-
Bundle Software	IP Installer, SMVP, Smart NVR Lite