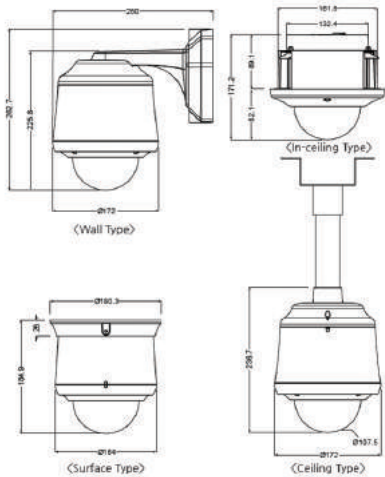


FW7804-FNC

2MP Speed Dome



FW7804-FNC is a 2M Mini Speed PTZ camera which equipped with a 2MP Progressive Scan CMOS image Sensor (Zoom: optical 10x, digital 32x) supports simultaneous H.265, H.264 and MJPEG Video Compression, less network bandwidth and storage space required. FW7804-FNC also delivers high quality video at 30 fps@1920x1080(Full HD) 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



FW7804-FNC
2MP IR Speed Dome

• Key Features

- Ambarella platform - Backdoor Issue free
- Panasonic 1/3" 2MP Panasonic CMOS sensor
- Optical 10x zoom, Digital 32x zoom
- Quadruple Streaming
- Max. 30fps @ 2M (1920 x 1080)
- Various Back light mode of WDR, BLC, HLC
- OnVIF (Profile S) standard

• Tech Notes

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

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

FW7804-FNC

► Technical Specifications

Camera

Imaging Sensor	1/3" Panasonic 2.48MP CMOS
Lens	Optical 10x (Digital 32x) f=5.1~51.0mm (F1.6~F1.8) FOV(H) : 54.0 ° ~4.9 °
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 10x, Digital Zoom 32x (Total 320x) 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 Ethernet 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 or PoE 802.3at
Power Consumption	Indoor : Operating (1.5A) Outdoor : Operating (2.5A), Max (Heater 5W / Fan On)
Operating Environment	-40℃ ~ +60℃, 0% ~ 90% RH
Dimension	172Ø x 171.2(L) x 161.6(H) mm (In-Ceiling Type Standard)
Weight	About 2200g without Power Supply
Approval	KC, CE, FCC, RoHS, IP66
Accessories	-
Bundle Software	IP Installer, SMVP, Smart NVR Lite