

# 2M Speed-dome

FW7706-FNP



## Key Features

1/2.8" 2.37M PS MOS Sensor

Optical 20x(Digital 12x) 4.7-94mm(F1.6-3.5)

Min. Illumination: 0.001 Lux

Max. 30fps@2M(1920x1080)

Dual Stream(H.264, MJPEG)

Onboard storage by Micro SD

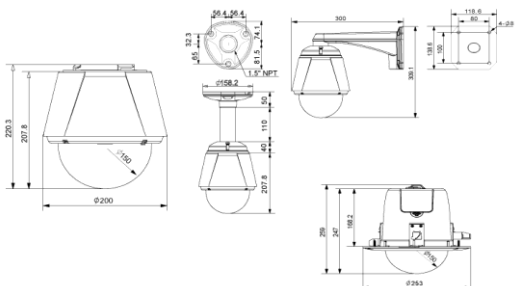
Optical 30x(Optional)

**Supports both ONVIF(ProfileS) and PSIA(v1.0) standards.**

<b>Video Encoding</b>	H.264/MJPEG (simultaneous dual stream) H.264/H.264 (true H.264 dual streaming) Simultaneous streaming with independent control
<b>Video signal</b>	1 CVBS Output
<b>Resolution</b>	1920x1080, 1280x720, 640x352, 320x176, 160x96
<b>Live Casting</b>	Streaming video channels with full duplex live audio Up to max 30fps @ 2M when simplex
<b>Audio Encoding</b>	8bit G.711, 8KHz, 8KByte/sec
<b>Audio channels</b>	1ch audio-in & 1ch audio-out
<b>PTZ support</b>	Variable speed from 0.1°/sec to 420°/sec Rotation Angle: Pan 360° (endless), Tilt:180° (Auto flip) Optical zoom X20, Digital zoom x32 209 Preset Positions, 2 Swing, 8 Group, 8 privacy zone.
<b>Serial Interface</b>	COM Port: RS-232, for console, serial input/output device AUX Port for PTZ or other RS485 device Max. Baud rate: 115200 bit/s
<b>Bandwidth Management</b>	Frame rate control / Bandwidth control / CBR / VBR
<b>Alarm Management</b>	[ Trigger Condition ] Video loss / Video recovered / Motion detection (144 area) / Boot finished / Schedule [ Alarm Service ] Image holding service (Max 5.6MByte pre-post alarm buffer), Image upload service through E-mail / FTP (support pre & post), Notification service through TCP / UDP / HTTP
<b>Security</b>	Channel based user password protection for live-cast, PTZ, alarm output and audio
<b>Dynamic IP</b>	Dynamic IP service using www.ipcctvdns.com
<b>Smart Solution</b>	Smart Phone Application (IOS, Android)
<b>Web interface</b>	Live-cast, PTZ control, search through Web browser Minimum PC requirement - Windows XP Pro (IE 6.x or later) , Pentium4 (2Ghz, 2G RAM), Video Card(256MB RAM, 1024x768)
<b>Management Software</b>	Supports 16, 32, 64, 128ch Management Software Full-featured PC NVR with matrix functionality
<b>System Integration</b>	[ Protocol ] HTTP, RTP/RTSP(Unicast/Multicast), TCP/IP(V4/V6), UDP, FTP, Telnet, HTTPS, RARP, PPPoE, SNMP, PAP, CHAP, DHCP, NTP, SMTP client, uPNP and etc [ SDK ] Open HTTP API / ActiveX for live cast with audio & PTZ [ Service ] Image upload / notification / POS integration

<b>Installation &amp; maintenance</b>	Configuration by installation wizard, HTTP, telnet and console. Upgrade firmware through HTTP, telnet & FTP
<b>Misc.</b>	Transmit serial input data with video Quick Time & VLC media player compatible
<b>System hardware</b>	32bit Embedded CPU / Embedded Linux / 128MByte SDRAM / 128MByte NAND Flash
<b>Power</b>	Power Supply – DC12V/4.16A [AC100-240V, 50/60Hz] Max. Power Consumption – DC12V, 21.6W
<b>Approvals</b>	IP66, KC, FCC, CE, RoHS
<b>Dimension / Weight</b>	148.5Ø x 200(L) x 215.5(H) (in mm) About 4200g without Power Supply
<b>External Interface</b>	10/100-Base-T Ethernet (auto-sensing) 1 BNC out ( 1 CVBS) / 1 Micro SD memory interface 1 photo-coupled or 1 digital inputs (NC/NO selectable), 1 relay outputs 1 audio input / 1 audio output / 1 serial ports (COM: RS-232)
<b>Working Environment</b>	Temperature: -30~50 °C, Humidity: 10~90% RH <b>Heater, Blower &amp; De-forester included</b>
<b>Image sensor</b>	1/2.8" progressive scan CMOS Total number of pixels: 1944Hx1224V=2.37M Pixel size : 2.8 (H) µm × 2.8 (V) µm Color filter Bayer arrangement of primary colors: R, G, B Bit number of internal ADC: 10/12 bits Parallel output: 37.125 MHz, 10/12 bits Maximum frame rate in all-pixel scan mode: 60/30 fps
<b>Lens</b>	Optical 20x(Digital 12x), 4.7-94mm, F1.6-3.5
<b>Image Setting</b>	Day & Night (Auto/B&W/Off) Auto White Balance Noise Filter (Off/On) Brightness/Contrast/Sharpness/AGC Gain Control Shutter (Manual/Auto) Vertical/Horizontal Flip Sens Up Level Frequency Control (50/60)
<b>Minimum illumination</b>	0.001 Lux
<b>Options</b>	Optical 30x(Digital 12x), 4.3-129mm, F1.6-4.7 and Wide Dynamic Range

## Dimensions



## Accessory