

SKY 310

Web Camera



Features

All-In-One design, Plug and Play

- Integrated codec, PTZ HD camera and mic
- USB configuration, easy to install, use and maintain
- Support TV / wall / upside-down mount
- Optional wireless presentation sender, one press to show the PC content on screen
- ZigBee remote control, 360° control

Professional audio and video processing, High-end audio-visual experience

- 12x / 5x optical zoom, 1080p HD video
- Excellent ISP algorithm, optimize the video effect especially under low illumination conditions
- Built-in mic, 6m audio pickup, AEC / ANS / AGC process, wideband audio protocol
- Built-in Wi-Fi (optional), client / hotspot, flexible networking mode

Excellent network adaptability and security mechanism

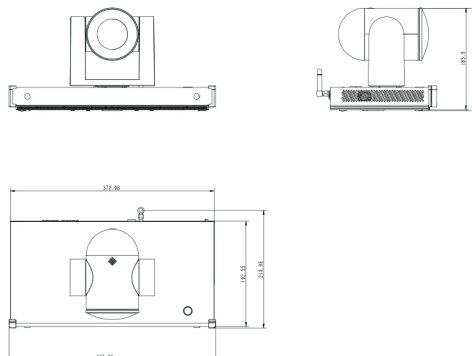
- Supports H.265 protocol, it takes up less bandwidth, the minimum bandwidth 384Kbps to achieve 1080p resolution encoding and decoding
- Supports intelligent anti-packet loss, dynamic rate adjustment, automatic QoS setting, forward error correction and other network optimization mechanisms, which can fully optimize the video communication effect in the congestion network environment
- Standard H.460 for NAT and firewall traversal
- Multiple encryption mechanism: H.235 conference encryption, 256 bit AES encryption, TLS and SRTP protocol, User authentication and role-based authorization, etc.

Open, converged, High interoperability

- Standard H.323 / SIP, interoperable with standard endpoints and infrastructures from third-party mainstream vendors
- Provide API, implementing flexible integration with third-party platforms

Dimensions

Units:mm



SKY 310				
Sub Models	1080P30-12x-W	1080P30-12x	1080P30-5x-W	1080P30-5x
System Standards	H.323, SIP H.225, H.235, H239, H.245, H.281, H.460			
Video Standards	H.264, H.264 High Profile, H.265			
Audio Standards	G.711, G.719, G.722, G.722.1 Annex C / Polycom Siren14TM, G.728, G.729, MPEG4-AAC (LC / LD), Opus			
Network Protocols	TCP / IP, Telnet, HTTPS, HTTP, FTP, DHCP, RTP / RTCP, NTP, PPPoE, 802.11a/b/g/n/ac	TCP / IP, Telnet, HTTPS, HTTP, FTP, DHCP, RTP / RTCP, NTP, PPPoE	TCP / IP, Telnet, HTTPS, HTTP, FTP, DHCP, RTP / RTCP, NTP, PPPoE, 802.11a/b/g/n/ac	TCP / IP, Telnet, HTTPS, HTTP, FTP, DHCP, RTP / RTCP, NTP, PPPoE
IP Protocols	IPv4 and IPv6 dual stack			
Bitrate	64Kbps ~ 8Mbps			
Video Resolution	Video: 1080p (1920 x 1080), 720p (1280 x 720), W4CIF (1024 x 576), 4CIF (704 x 576), WCIF (512 x 288), CIF (352 x 288) Content: 1080p (1920 x 1080), 720p (1280 x 720), UXGA (1600 x 1200), WSXGA+ (1680 x 1050), WSXGA (1440 x 900), SXGA (1280 x 1024), WXGA (1280 x 800), XGA (1024 x 768)			
Encode Capacity	1080p30 + 1080p30			
Decode Capacity	1080p60 + 1080p60			
Built-in Camera	Optical zoom: 12x Sensor: 1 / 2.8" CMOS, 2 MP Horizontal view Angle: 72.5° Pan range: ±170° Tilt range: -90° ~ +50°, -90° standby (Exclusive design) Adjustable camera parameter Automatic White Balance (AWB), Automatic Exposure (AE), Automatic Focus (AF)		Optical zoom: 5x Sensor: 1 / 2.8" CMOS, 2 MP Horizontal view Angle: 72.5° Pan range: ±170° Tilt range: -90° ~ +50°, -90° standby (Exclusive design) Adjustable camera parameter Automatic White Balance (AWB), Automatic Exposure (AE), Automatic Focus (AF)	
Video Features	Single screen dual / triple-display Adjustable video parameter VGA loopback when power off Supports camera preset snapshot and preview			
Audio Features	Sampling frequency: 48 kHz Acoustic Echo Cancellation (AEC) Acoustic Noise Suppression (ANS) Automatic Gain Control (AGC) Automatic lip synchronization Mute and dumb			
Dual-stream	H.239 / BFCP Adjustable bandwidth ratio Wireless content sharing by SkyShare software			
Network Features	Embedded proxy for NAT / firewall transversal Intelligent Packet Loss Recovery (IPLR) Forward Error Correction (FEC) DiffServ, IP Precedence (Quality of service [QOS]) IP conflict detection Automatic PPPoE redial Dynamic rate adjustment			
OSD Caption / Logo / Banner	Configurable OSD caption / logo / banner Local images and custom text can be set as OSD logo / banner OSD caption can be sent as short messages to terminals or multipoint control units OSD caption can be scrolled Configurable OSD banner background color, font sizes and fonts			
Security Features	Embedded OS H.235 conference encryption 256 bit AES encryption TLS and SRTP protocol Conference password authentication User authentication and role-based authorization Advanced setting authentication Gateway password-protected HTTPS Physical privacy protection, camera turns -90° while standby (Exclusive design)			
Management Methods	Remote control Web interface OLED display screen on the device			
Maintenance Functions	Event logs can be managed Factory settings restoration Loop / image / audio tests Real-time video / audio bitrate display Address book and configuration file importing / exporting			
Video Interfaces	Input: 1 x Built-in camera 1 x VGA, 1 x HDMI (dual stream, choose 1 from 2) Output: 1 x VGAr, 1 x HDMI (same output) 1 x HDMIII			
Audio Interfaces	Input: Built-in mic 1 x mini XLR, 1 x Digital mic, 1 x 3.5mm, 1 x wireless mic (optional) 1 x HDMI support audio Output: 1 x 3.5mm, 2 x HDMI support audio			
Control Interfaces	1 x RS232 IR / ZigBee remote control			

Network Interfaces	1 x 10 / 100 / 1000M Ethernet, RJ45 interface Built-in WIFI module	1 x 10 / 100 / 1000M Ethernet, RJ45 interface	1 x 10 / 100 / 1000M Ethernet, RJ45 interface Built-in WIFI module	1 x 10 / 100 / 1000M Ethernet, RJ45 interface
Other Interfaces	1 x USB 2.0 (USB configuration, USB recording) 1 x FXO 1 x TOUCH			
Environmental	Operating temperature: 0°C ~ 45°C / 32 °F ~ 113 °F Operating humidity: 10% ~ 90% Atmospheric pressure: 70 ~ 106 kPa			
Electrical	Power: DC 12V Power consumption: Max. 48W			
Mechanical	Net weight: 3.87kg / 8.53lb Package weight: 8.5kg / 18.74lb Terminal dimensions: 195 x 375 x 205mm / 7.68" x 14.76" x 8.07" Package dimensions: 350 x 515 x 365mm / 13.78" x 20.28" x 14.37"			