

Full Interface HD PTZ Camera SmartCam A12|20NS



SmartCam A12NS
SmartCam A20NS

This revolutionary new PTZ camera implements the latest cpu and sensor to output high quality images through its various interfaces, making it a perfect camera for different applications.

FullHD Camera

- Excellent **1080P** video quality.
- **12/20** optical zoom, suitable for different working applications.



Full Interfaces

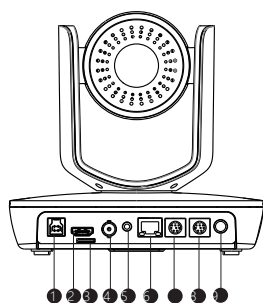
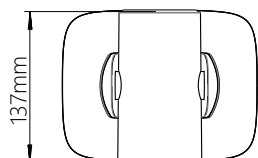
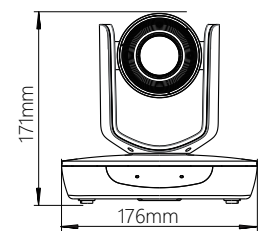
- SDI, HDMI, USB3.0 and Ethernet video output ;
- RS232 in and out, available daisy chain ;
- POE supported.

Compact Design

- Small sized base design, easy for installation and connection ;
- Compact remote control with comfortable user experience.



Dimensions



- | | |
|-----------|-------------|
| ① USB3.0 | ⑥ LAN |
| ② HDMI | ⑦ RS-232IN |
| ③ TF Card | ⑧ RS-232OUT |
| ④ 3G-SDI | ⑨ DC12V |
| ⑤ Audio | |

Technical Data

Model	SmartCam A12NS	SmartCam A20NS
Camera		
Image Sensor	1/2.8" CMOS, 2MP	
IRIS	f=3.9mm ~ 46.8mm	f=4.7 ~ 94mm
Focal Length	F1.6 ~ F2.8	F1.6 ~ F3.5
Field Of View	72.5° ~ 6.3°	59.5° ~ 2.9°
Optical zoom	12X	20X
Digital Zoom	16X	
Focusing System	Auto/Manual/One Push/PTZ	
Min.Illumination	1.0Lux	
Shutter speed	1/50 ~ 1/10,000s	
Gain	Auto, Manual	
White Balance	Automatic, Manual, Automatic tracking, One Push, Static Color Temperature	
BLC	Support	
Wide Dynamic	Support	
Exposure	Auto, Manual, Shutter Priority, Iris Priority	
S/N	≥50dB	
PTZ		
Pan Range	-170° ~ +170°	
Tilt Range	-30° ~ +90°	
Pan Speed	0.1° ~ 120°/S	
Tilt Speed	0.1° ~ 90°/s	
Image Flip	Support	
Preset Number	64	
Interface		
HDMI	1×HDMI : Video resolution: 1080P60/P50/P30/P25 · 720P60/P50	
Network	1×RJ-45: 1×10M/100M RJ45 (POE Supported) 1.Video Output Format: Max 1080P60 2.Image Compression: H.264/H.265 3.Protocol: ONVIF/RTSP/RTMP/SRT/TCP/UDP 4.Audio Compression: AAC 5.Support Dual streams 6.Support NDI(Optional)	
USB	1×USB3.0 : 1.UVC, Support UVC1.1 2.UVC Support: YUY2/H.264/H.265/MJPEG, resolution: 1080P30/P25 · 720P30/P25 · 360P30/P25 3.UAC Audio Format PCM	
3G-SDI	1×3G-SDI, resolution: 1080P60/P50/P30/P25 · 720P60/P50	
Audio	1×LINE IN, 3.5mm	
Control Interface	1×RS-232 IN, 1×RS-232 Out/RS485	
Storage Interface	Max 256G	
Power	DC12V	
General		
Control Protocol	VISCA/PELCO-P/PELCO-D	
Consumption Working	15W	
Temperature Storage	0 ~ 40°C	
Temperature Relative	-20°C ~ 40°C	
Humidity Dimensions	10%RH ~ 90 %RH	
(L*W*H) Weight	176mm × 137mm × 171mm ≤1.2kg	