

Solitaire AI Ultra HD 4K Webcam

Model: PTK 1100

The Solitaire PTK 1100 is not just another camera – it's a cutting-edge 4K ultra-high-definition ePTZ camera redefined for excellence. Boasting a sleek new design, this innovative device combines AI intelligence with state-of-the-art features to revolutionize your visual experiences.



AI-Powered Precision:

Equipped with AI intelligence, the Solitaire PTK 1100 dynamically adjusts frames based on the number of individuals in the scene, ensuring that subjects are perfectly centered. Say goodbye to skewed compositions and hello to perfectly framed shots, every time.

Exceptional Performance:

Powered by advanced ISP processing algorithms, this camera delivers more than just stunning visuals – it provides an immersive experience. Enjoy vivid images with consistently clear brightness, vibrant color layering, unparalleled resolution, and breathtaking color rendition. From boardrooms to auditoriums, the Solitaire PTK 1100 sets the standard for excellence.

Effortless Installation and Maintenance:

Designed for ease and convenience, the Solitaire PTK 1100 offers hassle-free installation and maintenance. Whether you're setting it up for the first time or performing routine checks, its user-friendly interface ensures a seamless experience. Plus, with its stable and reliable performance, you can trust the Solitaire PTK 1100 to deliver exceptional results, day in and day out.

Experience the future of visual technology with the Solitaire PTK 1100 – where perfection meets performance.

Key Features:

- **Ultra HD 4K Resolution:** 1/2.8 inch high quality CMOS sensor. Resolution is up to 4K with frame rate up to 30fps (MJPG) or 30fps (H.264); compatible with 1080P and 720P.
- **ePTZ:** ePTZ and 10X digital Zoom;
- **Built-in MIC:** Built-in two omni-directional MIC pickups; with unique noise suppression algorithm, effective pickup distance up to 6 meters.
- **Auto Framing:** Employing superior face detection algorithm to intelligently and automatically frames according to the number of people in the scene, and the characters are in the middle.
- **Wide FOV:** 83°/100°/120° wide angle and small distortion lens options.
- **Video output interface:** Video output interface USB 3.0;
- **Multiple Audio/Video Compression Standard:** Supports H.264, MJPG, YUY2, NV12 video compression, to make video play smoothly.
- **Low Noise and High SNR:** Super high SNR image is achieved with low noise CMOS. Even in the case of ultra-low illumination, the picture remains clean and clear.
- **Multiple Installations:** Standard equipped with mold clamp. Easy to install on any devices, such as LCD screen, laptop, table and tripod.
- **Easy to Use:** No need to download driver; USB 3.0 Plug and play;
- **Wide Applications:** Personal video conferencing, enterprise video conferencing, collaboration meeting, etc.

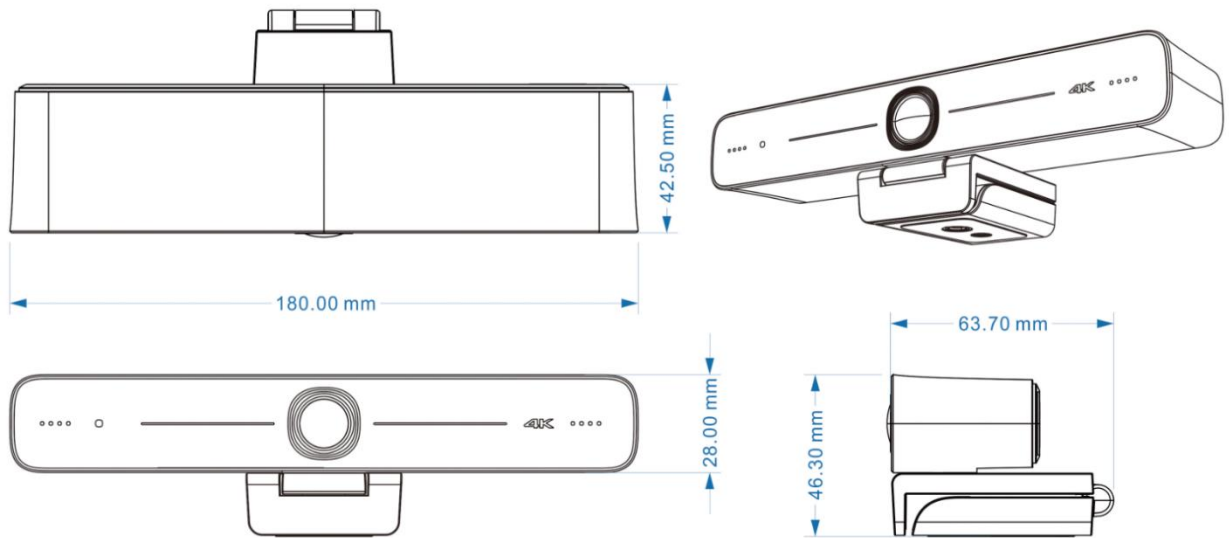
Technical Parameter:

Model	Lens 1	Lens 2	Lens 3
Camera Parameter			
Sensor	1/2.8 inch high quality 4K CMOS sensor		
Effective Pixels	8.28MP, 16:9		
Video Interface	1 Channel USB 3.0 output, Type B; Support audio signal output		
Audio input	2*Built-in MIC pickup		
Video Format	MJPG: 3840*2160@30 /2560*1440@30 /1920*1080@30 /1600*896@30 /1280*720@30 /1024*576@30 /960*540@30 /800*600@30 /800*448@30 /720*576@30 /720*480@30 /640*480@30 /640*360@30 /480*270@30 /352*288@30 /320*240@30 H264 : 3840*2160@30 /2560*1440@30 /1920*1080@30 /1600*896@30 /1280*720@30 /1024*576@30 /960*540@30 /800*600@30 /800*448@30 /720*576@30 /720*480@30 /640*480@30 /640*360@30 /480*270@30 /352*288@30 /320*240@30 YUY2 : 1920*1080@30 /1280*720@30 /1024*576@30 /800*600@30 /800*448@30 /640*480@30 /640*360@30 /480*270@30 /320*180@30 NV12 : 1920*1080@30 /1280*720@30 /1024*576@30 /800*600@30 /800*448@30 /640*480@30 /640*360@30 /480*270@30 /320*180@30		
View Angle	95° (D) /83°(H)/46°(V)	115° (D) /100°(H)/56°(V)	138° (D) /120°(H)/68°(V)
Focal Length	f=3.24mm	f=2.26mm	f=1.89mm
Aperture	F2.1	F1.8±5%	F2.0±5%
Digital Zoom	10X		
Minimum Illumination	0.1Lux(F1.8,AGC ON)		
White Balance	Auto / Manual		
Focus	Fixed		
Exposure	Auto / Manual/Shutter Priority/Brightness Priority		
BLC	On/Off		
SNR	≥50dB		

USB Feature:	
Operation Systems	Windows 7(1080p or lower), Windows 8.1, Windows 10 ; macOS™ 10.10 or higher; Android; Linux (UVC support)
Video Compression Format	YUY2,NV12,MJPG,H264
USB Audio	Support
USB Communication Protocol	UVC,UAC
PTZ Control	Support EPTZ
Hardware Requirement	2.4 GHz Intel@ Core 2 Duo or higher,2GB or higher, USB 2.0 port(USB 3.0 for 4K)

Other Parameter:	
Input Voltage	5V
Input Current	1A(max)
Power Consumption	5W(max)
Stored Temperature	-10°C~+60°C
Stored Humidity	20%~90%
Working Temperature	-10°C~+50°C
Working Humidity	20%~80%
Dimension	180mm×42.5mm×46.3mm
Weight	Around 0.23kg
Working Environment	Indoor
Accessory	User Manual, USB 3.0 cable

Dimension:



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