SOLITAIRE 4K ULTRA HD PTZ
Video Conference Camera

PTK 500

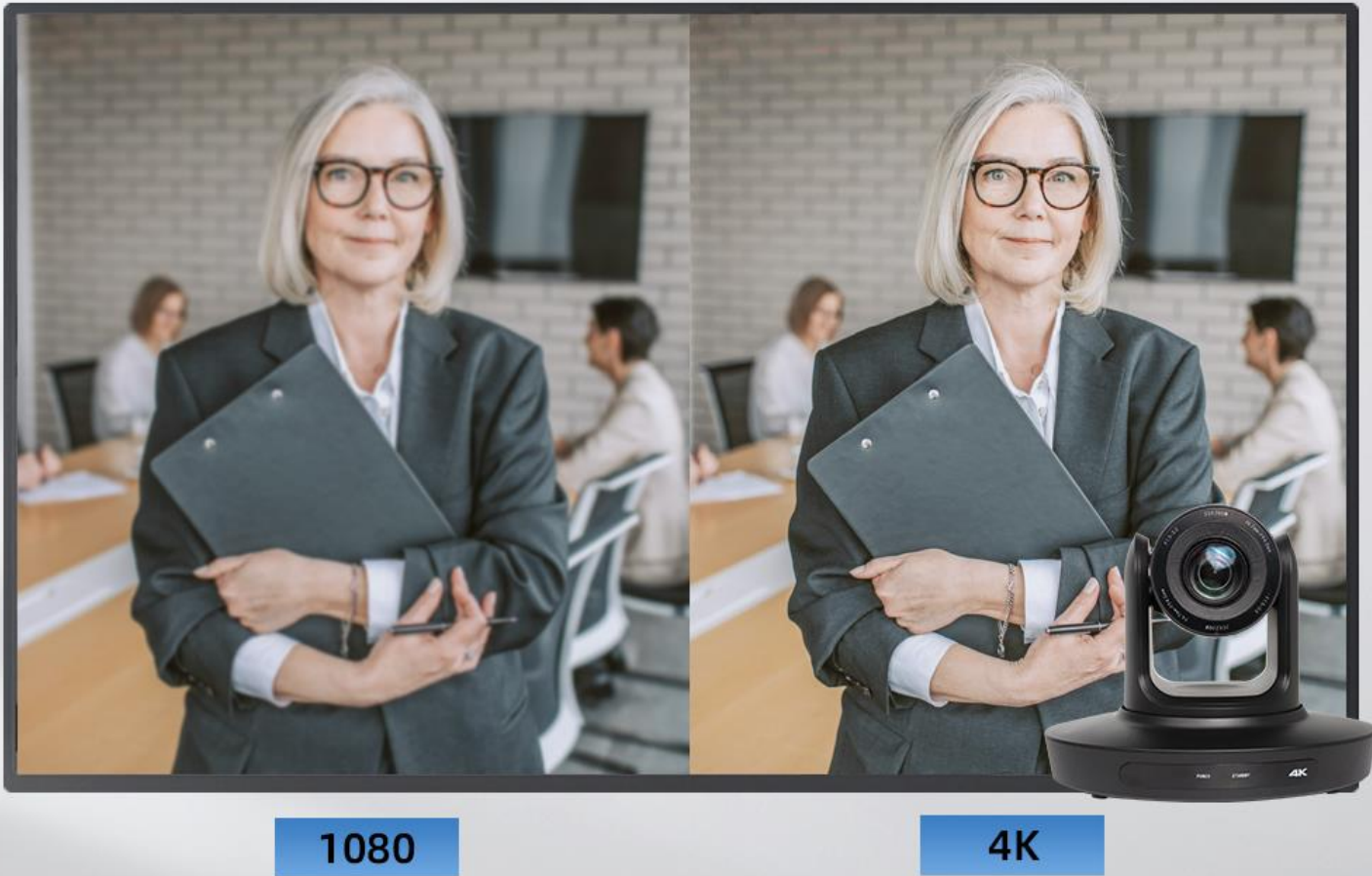|				
4K ULTRA HD	📷	**HDMI**	↻	**NDI**
4K 30fps	20x Optical zoom	HDMI Interface	Pan: ±168°° Tilt: -30°~+90°	NDI|HX (Option)
🖧	🖧	🔌	🎛	
LAN Interface	Control Interface	USB 3.0	IR Remote control	

4K Ultra HD Resolution

SONY 1/2.8 STARVIS CMOS sensor, work well in low light

1080

4K

A professional PTZ camera's ability to deliver 4K Ultra HD resolution is paramount for ensuring exceptional image quality and clarity in various professional applications. Solitaire PTK 500 with 4K Ultra HD resolution, the camera captures highly detailed and lifelike images, allowing users to discern finer nuances and details, which is particularly crucial in scenarios such as broadcasting, video production, surveillance, and live events where visual precision is paramount. The enhanced resolution enables professionals to achieve superior image fidelity, sharper focus, and better overall performance, thereby elevating the quality and impact of their work.

solitaire

20X Optical Zoom

3X

10X

15X

20X

A 20X optical zoom capability is indeed crucial for a high-quality PTZ camera intended for video conferencing purposes. This level of optical zoom allows the camera to focus closely on speakers or participants in large conference rooms without sacrificing image clarity or resolution. With 20X optical zoom, the camera can capture detailed facial expressions and body language, ensuring that remote participants feel engaged and connected during virtual meetings. Additionally, the ability to zoom in and out smoothly and accurately enhances the overall viewing experience, providing flexibility and versatility in different conferencing scenarios.

solitaire ®

Abundant Interface Outputs

Compatible with all current mainstream video output interfaces, HDMI+USB3.0 can output 4K30 resolution at the same time

The Solitaire PTK 500 4K PTZ camera boasts compatibility with all prevailing mainstream video output interfaces. This feature ensures seamless integration with a wide range of existing video infrastructure, making it effortlessly adaptable to various conferencing setups and systems. Whether utilizing HDMI, SDI, USB, or other commonly used interfaces, the Solitaire PTK 500 guarantees reliable connectivity and optimal performance, thereby enhancing its versatility and usability across diverse conferencing environments.

USB3.0 Interface

Easy to connect, plug and play

solitaire

USB3.0

With its USB 3.0 interface, the Solitaire PTK 500 offers effortless connectivity and seamless plug-and-play functionality. This user-friendly feature simplifies the setup process, allowing users to quickly connect the camera to their computer or video conferencing system without the need for complex installations or additional hardware. By leveraging the high-speed capabilities of USB 3.0, the Solitaire PTK 500 ensures smooth data transmission, enabling users to enjoy reliable and high-quality video streaming for their conferencing needs with minimal hassle.
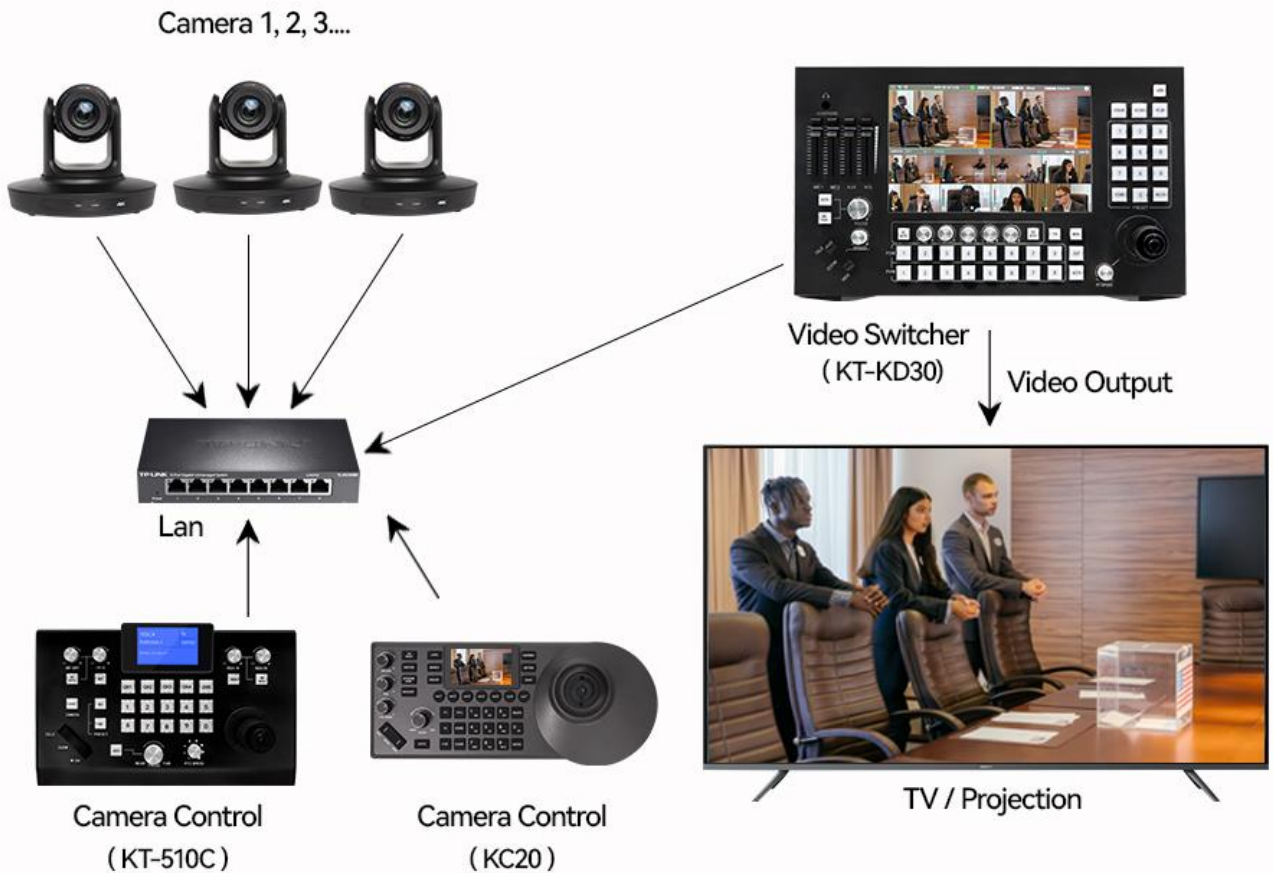
solitaire

Multi-installation Methods

- Ceiling mounting
- Wall mounting
- Desktop
- Tripod

The Solitaire PTK 500 provides versatile installation options, accommodating various preferences and spatial configurations with its support for multiple mounting methods such as ceiling mount, wall mount, and floor mount. This flexibility empowers users to customize their setup according to the specific requirements of their environment, whether it be a conference room, lecture hall, or studio space. Whether suspended from the ceiling, affixed to a wall, or placed on the floor, the Solitaire PTK 500 ensures optimal positioning for capturing the desired perspectives and facilitating effective communication during video conferencing sessions.
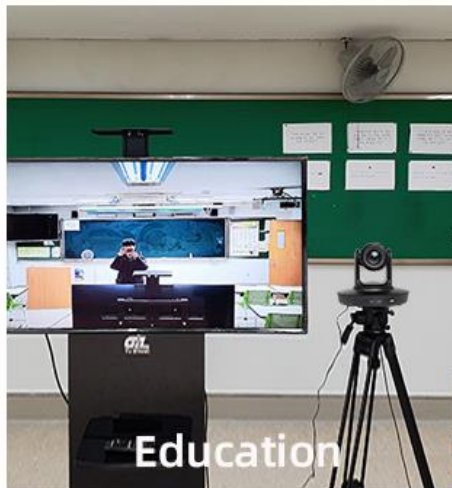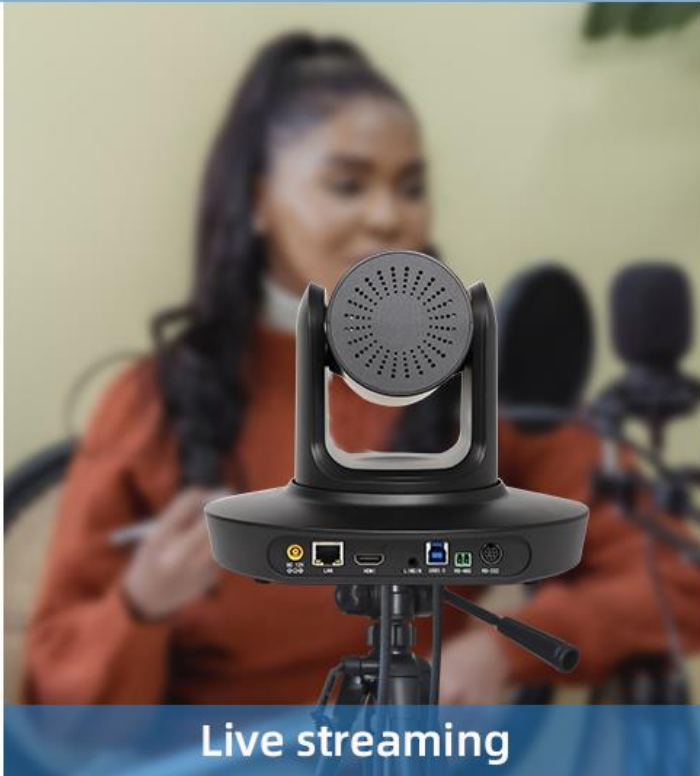
solitaire

Connection Diagram

Camera 1, 2, 3....

Video Switcher
(KT-KD30)

Video Output

Lan

Camera Control
(KT-510C)

Camera Control
(KC20)

TV / Projection

The Solitaire PTK 500 offers seamless connectivity options through both LAN and camera controller interfaces, providing users with flexibility and control over their video conferencing setup. Utilizing LAN connectivity, users can integrate the camera into their network infrastructure, enabling remote access and control for convenient management and operation. Additionally, compatibility with camera controllers enhances usability by allowing users to adjust camera settings, pan, tilt, zoom, and more with precision and ease. These connectivity features empower users to optimize their video conferencing experience and streamline their workflow, ensuring efficient and effective communication in any professional setting.

solitaire ®

Application scenario

Live streaming

Video conference

Tele-medicine

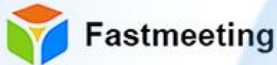Online class

Education

Church

The Solitaire PTK 500 is a versatile PTZ camera designed to excel in a variety of application scenarios. With its 4K resolution, smooth PTZ functionality, and flexible connectivity options including LAN and camera controller interfaces, the PTK 500 is ideal for video conferencing, education, broadcasting, surveillance, telemedicine, corporate meetings, worship services, and more. Its user-friendly features, such as plug-and-play USB 3.0 connectivity and support for multiple mounting methods, make it easy to set up and use in any environment. Whether in remote communication, professional broadcasting, or security monitoring, the Solitaire PTK 500 delivers exceptional performance and reliability for a wide range of applications.

solitaire

Compatible with various software
(Include but not limited to)

Solitaire PTK 500 is seamlessly compatible with a multitude of video conferencing applications, offering users a versatile and hassle-free experience across different platforms. Whether engaging in virtual meetings, webinars, or remote collaborations, Solitaire PTK 500 ensures smooth integration with popular video conferencing software, enabling users to communicate effectively and participate actively in virtual gatherings. Its compatibility enhances flexibility and accessibility, allowing individuals to connect with others regardless of the specific video conferencing application being used, thereby facilitating seamless communication and collaboration in various professional and personal settings.

Parameters and list

Tilt: -30°~+90°

20X ZOOM

4K30FPS

DC-12V

RS-232

LAN

RS-485

HDMI

USB3.0

Pan: 336°

LINE IN

TALLY LAMP

Camera*1	USB3.0 cable*1	HDMI*1	RS232 cable *1
Bracket*1	Power adapter*1	IR Remote *1	User Manual*1

Product Specification: Solitaire PTK 500

Camera, Lens	Image Sensor	1/2.8inch CMOS sony sensor
	Min Lux	0.1Lux(F1.2)
	Effective Pixel	8.5 MP
	Signal	PAL/NTSC
	Lens	20X Optical zoom
	Shutter Speed	1 to 1/10000s
	Horizontal View Angle	58.7°（W）～3.2°（T）
	Resolution	HDMI: 4K/30 ,4K/25 ,1080p/60,1080p/59.94, 1080p/50, 1080p/30, 1080p/29.97, 1080p/25, 720 p/60, 720p/50, USB: 3840*2160,1920*1080,1280*720,800*600, 640*480,640*360,320*240
	Focus Mode	Auto/Manual
	Exposure control	Auto/Manual
	Gain 1	Auto/Manual
	White Balance	Auto/Indoor/Outdoor/Manual
	Image Effect	Full color/black and white/image flip
Interface	Video Interface	USB3.0 HDMI, IP
	Video Compressed Format	YUY2 / MJPG / H264
	Control Interface	RS-232, RS-485
	Control Agreement	SONY VISCA,PELCO P/D,VISCA over IP, ONVIF
	Communicate Baud Rate	2400/4800/9600/11520/19200/38400
	Power Interface	DC-038 power socket（DC12V）
PTZ	Pan	336°(max.speed:60°/s)
	Tilt	-30°~ +90°(max. speed:60°/s)
Others	Power Adapter Input AC100V~AC240V Output	Input AC100V~AC240V Output DC12V/2A
	Decoder	Built in
	Input voltage	DC12V
	Power Consumption	12W(MAX）
	Storage Temperature and Humidity	-10°C ~ +60°C
	Working temperature and Humidity	-0°C ~ +40°C
	Operating Environment	Indoor
	Size	224.1*170.1*172.2mm
	Weight	1200g

SOLITAIRE 4K ULTRA HD PTZ Video Conference Camera

PTK 500

Contact us:

HQ: SUPERTRON ELECTRONICS PRIVATE LIMITED
2, Cooper Lane, Mission Row Extension, Kolkata 700001
Manufacturing Unit: G3, Sector 63, Noida 201301,
Phone No.: +91-120-3584790, +91-120-3645968, +91-120-4166298, **WhatsApp**: +91-9818778982
Email: Solitaire.Products@supertronindia.com