UNiQ
DIGITAL

ProCAM-Ai20SIP
IP STREAMING | ARTIFICIAL INTELLIGENT | SMART TRACKING

20x OPTICAL
16x DIGITAL
320x TOTAL

SONY
CMOS & VISCA

Recording **Conferencing** **Streaming** **Seamless Connectivity** **Flexible** **High quality audio integration** **Crystal clear video**

UK | USA | UAE | KSA | QATAR | AFRICA | SINGAPORE | INDIA

ProCAM-Ai20SIP

Redefining Professional Video Experiences

- Built for corporates, educators, creators, and SMEs, the UNiQ ProCAM-Ai20SIP delivers 4K Ultra HD clarity with 20× optical zoom, ideal for conferencing, streaming, broadcasting, and teaching.

- Powered by a **SONY CMOS SENSOR & VISCA Protocols** sensor, precision optics, intelligent automation, and crystal-clear audio, it ensures every session is professional, engaging, and high-impact.

UNiQ & SONY

Precision CMOS Imaging

The advanced **SONY CMOS SENSOR & VISCA PROTOCOLS** sensor delivers crisp, vibrant, low-noise visuals, enabling seamless conferencing, streaming, and recording across corporate, education, and government sectors.

20X Optical & 16X Digital Zoom

True-to-Life Clarity

Capture fine details with UNiQ's 20× precision optical zoom, ensuring lifelike, professional-quality visuals for every meeting, lecture, or broadcast.

360° — PAN for 360° view	**130°** — TILT for 130° view
4K ULTRA HD — 4K Resolution	**20 x lens** — 20X Optical Lens
4 Digital array mic Distance - **10mts** crystal pickup	**Advanced User Adjustable Settings**
3 Way Power USB, Power Adaptor, PoE	**3 Way Control** Remote, Network, RS232
3 Way Streaming HDMI, USB, Network	**3 Processor Functions** Audio, Video, Advanced Ai
Horizontal voice pickup 180°	**Table / ceiling mount option**

- Dual Streaming (Mainstream & Sub Stream)
- More Network Streaming RTMP, RTSP, SRT & MORE...
- Smart Function Hand Remote
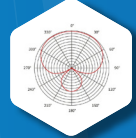- Various Application Conferencing Streaming Recording

AI-Powered Automation – Effortless Precision

The UNiQ ProCAM-Ai20SIP uses advanced AI to automate complex camera tasks—framing, tracking, and adjustment reducing manual effort while delivering flawless, professional-grade video.

Voice Tracking

The UNiQ AI Engine automatically detects the active speaker and pans the camera toward them. Perfect for panel discussions, multi-speaker conferences, and dynamic meetings, it provides hands-free, precise, professional-grade coverage
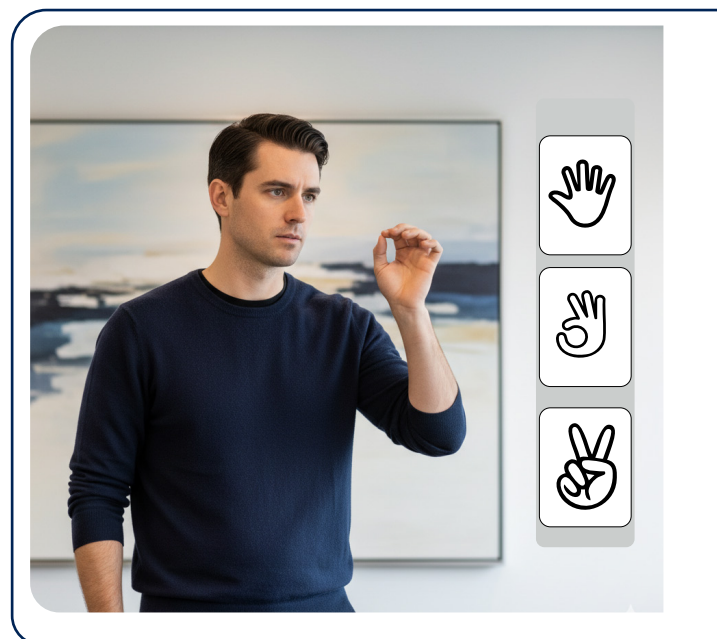

Gesture Control - Intuitive Camera Operation

FASTER, SMARTER, AND PROFESSIONAL

The UNiQ ProCAM-Ai20SIP leverages UNiQ AI to recognize 3 hand gestures, allowing you to control the camera effortlessly without touching any device

REDUCES MANUAL EFFORT
SAVES TIME
STREAMLINES OPERATIONS

Smart Auto Framing

The UNiQ AI Engine automatically centers the subject on the screen using intelligent pan, tilt, and adjustments, ensuring precise proportional grid framing with life-like clarity, while saving time and reducing manual effort.

Single-Person Tracking

The UNiQ AI Engine locks onto a single person and follows them smoothly and accurately, keeping the focus on the presenter, lecturer, or trainer at all times. This reduces manpower needs while delivering professional-quality video

Zone Tracking

Define up to four key zones, and the UNiQ AI Engine monitors these areas automatically. The camera captures movement only within the zones, providing targeted, high-precision coverage for whiteboards, podiums, or demonstration areas.

Hybrid Tracking

Combining Zone and Single-Person Tracking, the UNiQ AI Engine maintains a steady view inside a safe zone and intelligently follows the subject outside, ensuring smooth, uninterrupted capture for presenters who move across the stage
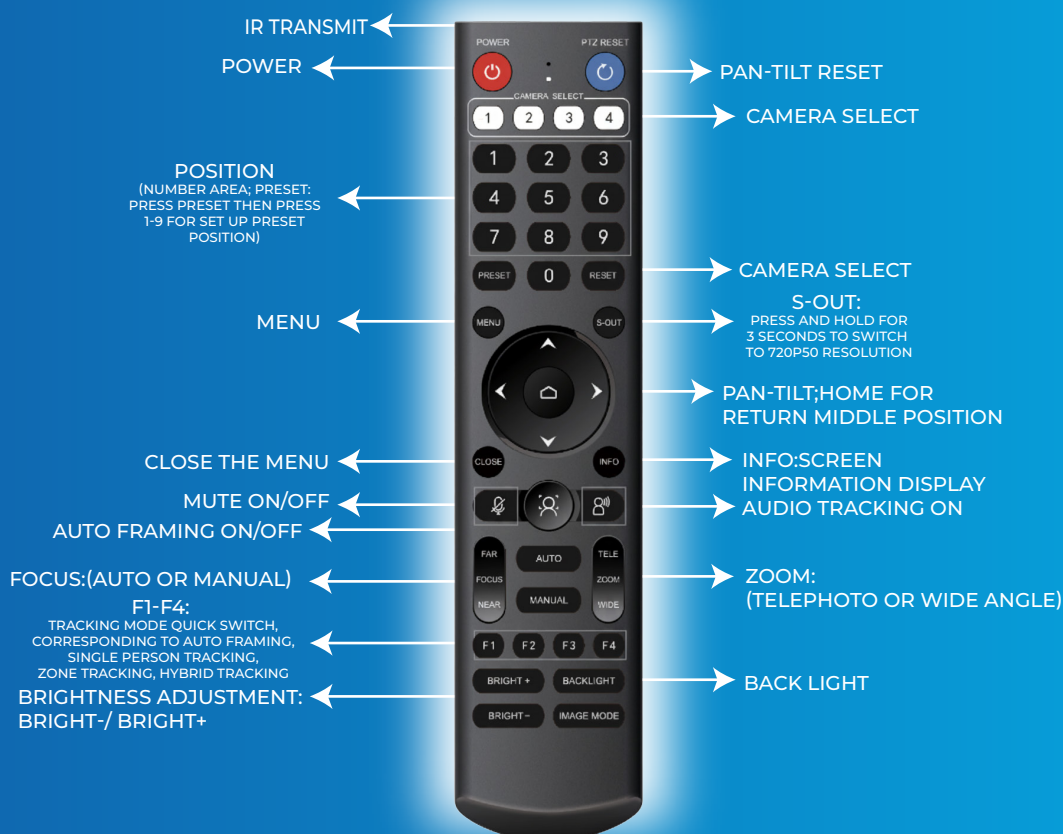
Network Control & Streaming

Multi-Platform Compatibility

User Desk | Control | Preview | confereming

UNIQ Cameracontroller

OBS Studio | Stream labs Desktop | v Mix (Basic/HD) | Wire cast Studio | X Split Broad-caster | Stre -Yard Restream Studio | YouTube | Google Meet | Zoom | Microsoft Teams | Wowza Streaming Engine | ATEM Mini Extreme ISO

Ergonomic Smart Remote— Effortless Control

The UNiQ ProCAM-Ai20SIP comes with an advanced smart IR hand remote that simplifies camera control automates key functions, boosting productivity. Its intuitive design enables quick operation, reduces manual effort, and saves valuable time across all applications.

IR TRANSMIT

POWER

POSITION
(NUMBER AREA; PRESET: PRESS PRESET THEN PRESS 1-9 FOR SET UP PRESET POSITION)

MENU

CLOSE THE MENU

MUTE ON/OFF

AUTO FRAMING ON/OFF

FOCUS:(AUTO OR MANUAL)

F1-F4:
TRACKING MODE QUICK SWITCH, CORRESPONDING TO AUTO FRAMING, SINGLE PERSON TRACKING, ZONE TRACKING, HYBRID TRACKING

BRIGHTNESS ADJUSTMENT: BRIGHT-/ BRIGHT+

PAN-TILT RESET

CAMERA SELECT

CAMERA SELECT

S-OUT:
PRESS AND HOLD FOR 3 SECONDS TO SWITCH TO 720P50 RESOLUTION

PAN-TILT;HOME FOR RETURN MIDDLE POSITION

INFO:SCREEN INFORMATION DISPLAY
AUDIO TRACKING ON

ZOOM:
(TELEPHOTO OR WIDE ANGLE)

BACK LIGHT

UNIQ DIGITAL

Parameter		Specifications
Product ditails	Product	320X, 20X Optical, IP Collaboration Camera | Ai Smart --> Zone Tracking, Hybrid Tracking, Voice tracking, Gesture tracking, Person tracking & Auto framing
	Product Model	ProCAM-Ai20SIP
	Total Zoom	320x
	Optical Zoom	20x
	Digital Zoom	16x
Camera, Lens	Image Sensor	1/2.8inch CMOS sony sensor
	Effective Piexl	8.5 MP
	Min Lux	0.1Lux
	Focal Length	20X: f=5.2mm(W)~104mm(T)
	Horizontal View Angle	20X: 58.7°(W)~3.2°(T)
	Shutter Speed	1⁄25 1/10000s
	Signal	PAL/NTSC
	Resolution	HDM1:4KP30/25,1080P60/59.94/50,1080P30/ 29.97/25,720P60/59.94/50 USB:MJPG:3840*2160,2560*1440,1920*1080,1280*720, 960*540640*360,480*270*384*216,320*180,256*144/30 YUY2:1920*1080/5,1280*720/10
	Focus Mode	Auto/Manual
	Exposure control	Auto/Manual
	Gain	Auto/Manual
	White Balance	Auto/Indoor/Outdoor/Manual
	Image Effect	Full color/black and white/image flip
Microphones	No. Of. Digital Microphones	4
	Microphones Array Form	linear
	Clearance Between the Microphones	45.8mm
	Sampling Rate	16KHz/48KHz
	Voice Pickup distance	0-10meters
	Horizontal Voice Pick up Angle	Horizontal 180°
	Sensitivity	-26dBFs
	SNR	65.5dB
Streaming & Control	Video Interface	HDMI/USB3.0/IP, NDI/HX2(optional)
	Video Compressed Format	MJPG/H.264
	Control Interface	RS-232, RS-422/485
	Control Agreement	SONY VISCA, PELCO P/D, VISCA over IP, ONVIF, RTMP, RTSP, SRT
	Communicate Baud Rate	2400/4800/9600/11520/19200/38400
	Power Interface	DC-038 power socket (DC12V)
PTZ Parameters	Pan	340°(max.speed: 60°/s)
	Tilt	-30°~ +90°(max. speed: 60°/s)
Others	Decoder	Built in
	Power Adapter	12V,2A DC power adapter for AC100V~ AC240V, 50Hz
	Operational Power	12VDC,2Amp
	Power Consumption	24W(MAX)
	Storage Temperature and Humidity	-10°C ~ +70°C @ 10%-90%
	Working temperature and Humidity	-0°C ~ +60°C @ 10%-90
	Operating Environment	Indoor
	Size	180*180*175mm
	Weight	1999g

Applications

Auditorium

NOC / SOC / CCC

Conference-Room

Town Hall

Training Hall

Prestigious Lineup of Cutting-Edge Professional AV Products

UNiQ DIGITAL

Ai Interactive Displays

AiO | Pro | Education Series
65" | 75" | 86" | 98" | 100"

Active LED Video Wall

Indoor & Outdoor LED Walls
CoB, GOB, and
Custom Pixel Pitch Options

Video Conferencing Products & Professional Cameras

From AI Video Bars to PTZ Cameras
AiO Video Bars | AiO PTZ Video Bars
PTZ Cameras | Speakers Phone
Conferencing | Microphones | DSP

AV Interface Products

Extenders – CAT6 Wireless | Point-Point
KVM Extenders | Over-IP
Matrix & Splitter Cum Extenders
Splitters Switchers | Matrix

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