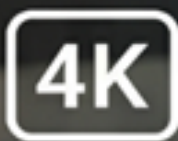


CANDYPOP[®]

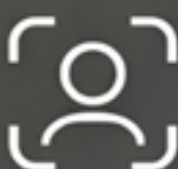
PTZ 4K



Silent Motor Drive



Ultra HD 4K



AI Face Tracking

THE 4K UHD ADVANTAGE



1080P FHD
(Standard)

4K UHD
(This Camera)

AI AUTO TRACKING



INTELLIGENT PRESENTER TRACKING
AI-Powered, Continuous Tracking

REMOTE
PARTICIPANT
VIEW

DYNAMIC ZOOM



12X / 2DX / 30X
OPTICAL & AI ZOOM

AI AUTO-FRAMING



AUTOMATICALLY OPTIMIZES
GROUP VIEWS

INTEGRATED STATUS



OLED Status
Displays



OLED Status Display:
ACTIVE



LAN

HDMI

3G-SDI

USB 3.0

Tracking Evolved, Follows Like a Shadow



Real Time-Tracking



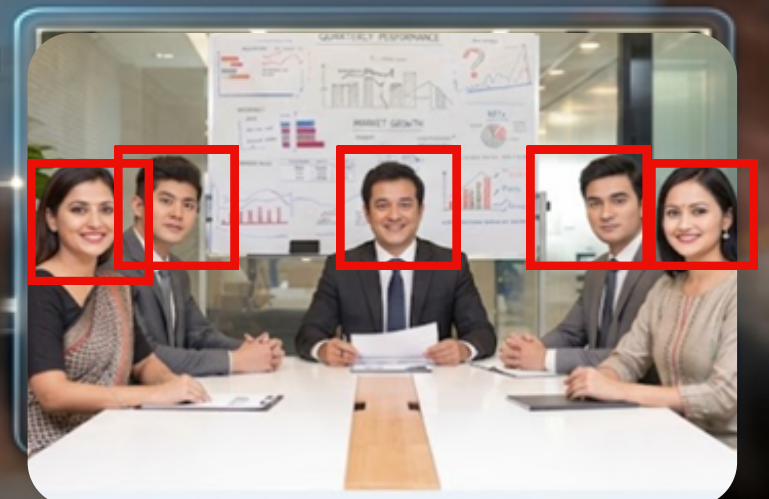
Zone Tracking



Stage Tracking



Auto Framing



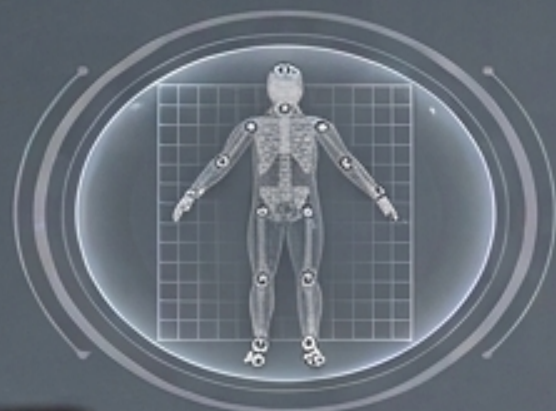
TALLY
LIGHT

PoE+
SUPPORT

WEB-BASED
CONTROL

INTELLIGENT PRESENTER COMPOSITION ENGINE

PROPORTION & POSITION ANALYTICS



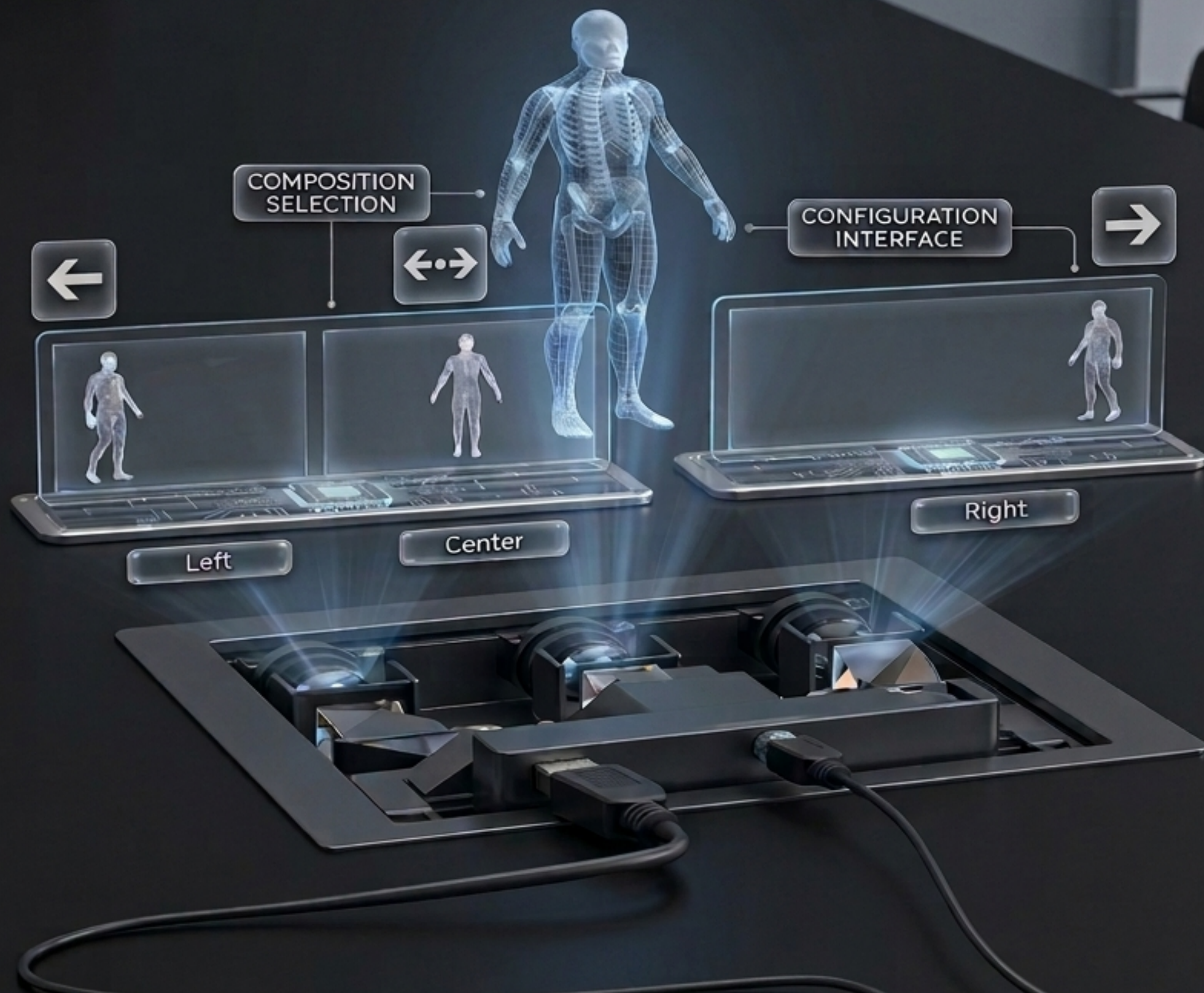
Entire Body



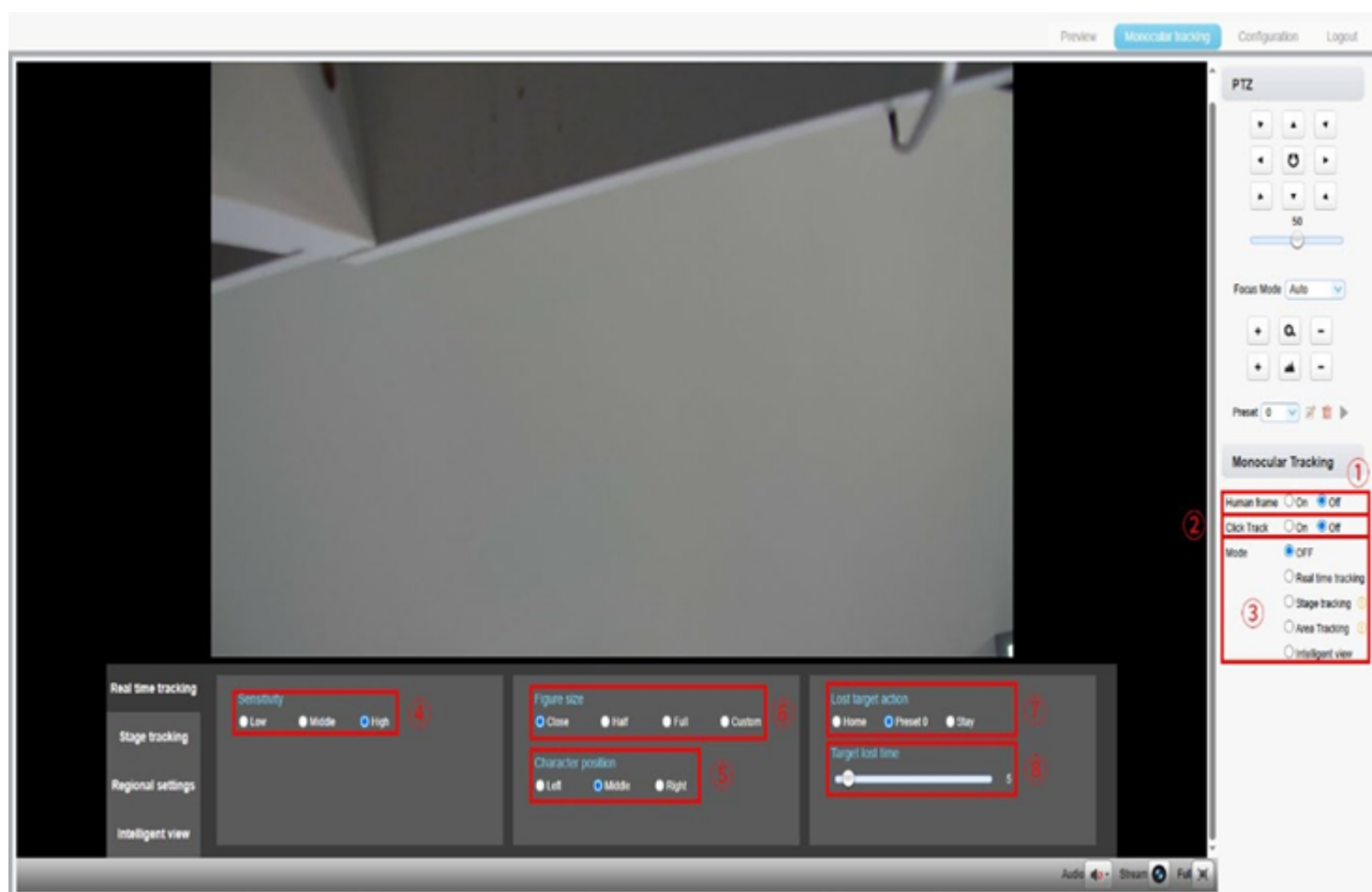
Half Body



Close-up



- ① **Enable/Disable Human Detection Box** – Default is disabled. When enabled, the tracked target will be surrounded by a yellow box, while other objects will be in green boxes
- ② **Enable/Disable Object Selection** – Default is disabled. When enabled, left-clicking on a person with the mouse will make that person the tracking target
- ③ **Select Tracking Mode:** Disable Tracking, Real-time Tracking, Stage Tracking, Area Tracking, and Intelligent Framing – Default is disabled.
- ④ **Set Sensitivity** : High, Medium, or Low- Default is Medium
- ⑤ **Set the Person Size** : Close-up, Half-Body ,Full-Body, or Custom (0-5), Default is Half-Body
- ⑥ **Set Position of the Person in the Frame:** Left, Center, or Right – Default is Center
- ⑦ **Set Action When Target is Lost:** Return to Origin, Preset Position 0, or Last Known Position – Default is Return to Origin.
- ⑧ **Target Loss Duration:**Can be set from 0 to 10 seconds, default is 3 seconds



Model	12X PTZ		
Parameters			
Image Sensor	1/2.8 inch high quality HD CMOS sensor		
Effective Pixel	8.42M, 16: 9		
Video Format	HDMI: 3840x2160/1920x1080P60/59.94/50/30/29.97/25;720P60/59.94/50 SDI: 1920x1080P60/59.94/50/30/29.97/25;1920x1080I60/50/59.94; 1280x720P60/59.94/ 50 USB: YUY2/NV12: 1920x1080/1280x720/1024x576/800x600/800x448/640x480/640x360/480x270/320x180P30/25/20/15/10/5 H264/H265/MJPG: 3840x2160/1920x1080/1600x896/1280x720/1024x576/960x540/800x600/800x448/720x576/720x480/640x480/640x360/480x270/352x288/320x240@60/30/25/20/15/10/5fps LAN: Master Code Stream: H264/H265: 3840×2160/2592x1944/2304x1296/1920×1080/1280×720@60/30/25/20/15/10/5fps; Subcode Stream: H264/H265: 1920×1080/1280×720/640×360/640×480/320×240/320x180@60/30/25/20/15/10/5fps;		
Optical Lens	12X f=4.1~49.2mm		
Viewing Angle	6.72° （N） 70.4° （W）		
Aperture Ratio	F1.8 – F2.68		
Digital Zoom	16 X		
Minimum Illumination	0.5Lux(F1.8, AGC ON)		
DNR	2D & 3D		
White Balance	Auto/Manual/One push/Specified Color Temperature (2400K-7100K, adjustable in 100K steps)		
Focus	Auto/Manual/One-push		
Iris	Auto/Manual		
Electronic Shutter	Auto/Manual		
BLC(Backlight Compensation)	On/Off		
Dynamic Range	Off/ Dynamic level adjustment		
Video Adjustment	Brightness, Contrast, Sharpness, Horizontal Flip, Vertical Flip, Black and White Mode, Gamma Curve, Electronic Zoom, DCI, Ultra Low Light Mode		
SNR	>50dB		

Interface	HDMI, SDI, LAN(POE+ support), USB3.0, A-IN, RS232-IN, RS232-OUT, RS485, DC12V power supply	
Video output	HDMI, SDI, LAN, USB3.0	
Video compression formats	LAN:H.265, H.264 USB 3.0:MJPEG,H.264,H.265,YUY2,NV12	
Video Bitrate	64-40960	
Bitrate Control	Fixed Bitrate, Variable Bitrate	
Frequency	50Hz: 1fps ~ 50fps 60Hz: 1fps ~ 60fps	
Audio Input Interface	Dual audio channel 3.5mm linear input	
Audio Output Interface	HDMI, LAN, USB 3.0, SDI	
Audio Bitrate	32Kbps, 48Kbps, 64Kbps, 96Kbps, 128Kbps	
Audio Compression Format	AAC, G.711A	
Network Interface	1000M Ethernet port, optional POE+ power supply, supports audio and video output	
Network Protocol	RTSP, RTMP, ONVIF, GB/T28181,SRT; NDI(Optional), Dante AV(optional); supports network VISCA control protocol; supports remote upgrade, remote reboot, and remote reset	
Control Interface	RS232-IN, RS232-OUT, RS485	
Serial Communication Protocol	VISCA/Pelco-D/Pelco-P; supports baud rates of 115200/38400/9600/4800/2400	
USB Communication Protocol	UVC (Video Communication Protocol), UAC (Audio Communication Protocol)	
Power Interface	HEC3800 power socket (DC12V)	
Power Adapter	Input: AC110V-AC220V Output: DC12V/2A	
Input Voltage	DC12V±10%	
Input Currency	≤1.5A	
Power Consumption	≤18W	
Pan	-170°~+170°	
Tilt	-30°~+90°	
Preset Speed	Pan:60°/s, Tilt:30°/s	
Tracking Modes	Off, Real-time Tracking, Stage Tracking, Area Tracking, and Intelligent Framing	
Tracking Distance	Maximum tracking distance up to 18 meters	



Website QR Code

Website URL:



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Email:



sales@candypopinteractive.com

Customer Service

 9962037471

CANDYPOP

Thank you