

# SPROLINK®



## SC-PAI SERIES

Education Intelligent Auto-tracking Camera

[www.sprolink.com](http://www.sprolink.com)

# 1 FEATURES

- WIDE-RANGE, QUIET AND QUICK PAN/TILT MECHANISM
- UV100T EMPLOYS 1/2.8 INCH HIGH QUALITY CMOS SENSOR
- INTEGRATED DESIGN
- MULTIPLE CONTROL PROTOCOL
- ADVANCED TRACKING ALGORITHMS
- 12X、 20X OPTICAL ZOOM
- 72.5°VIEW ANGLE
- MULTIPLE VIDEO COMPRESSION
- MULTIPLE CONTROL PROTOCOL
- LOW-POWER SLEEP FUNCTION



# 2 TECHNICAL SPECIFICATION

Parameter/model	SC-PAI-12X	SC-PAI-20X
<b>Tracking camera, lens parameters</b>		
Image sensor	1/2.8inch high quality CMOS sensor	
Effective pixels	2.07MP, 16: 9	
Video signal	1080P60/50/30/25/59.94/29.97, 1080I60/50/59.94, 720P60/50/30/25/59.94/29.97	
Lens optics zoom	12X optical zoom f= 3.9~46.1mm	20X optical zoom f= 4.7~94mm
Visual angle	6.3° (narrow angle) ~72.5° (wide angle)	2.9° (narrow angle) ~55.4° (wide angle)
Aperture coefficient	F1.8~F2.4	F1.6 ~ F3.5
Digit zoom	X10	
Minimum illumination	0.5Lux (F1.8, AGC ON)	
Digit noise reduction	2D & 3D digit noise reduction	
White balance	Manual / auto / one-key white balance / 3000K / 4000K / 5000K / 6500K	
Focus	Auto/manual	
Aperture	Auto/manual	
Electronic shutter	Auto/manual	
Backlight compensation	On/off	
Wide dynamic	Off/dynamic grade adjustment	
Video regulation	Brightness, hue, saturation, contrast ratio, sharpness, Gamma	
Signal to noise ratio	>55dB	

## Panoramic lens

Image sensor	1/2.8inch high quality CMOS sensor
Effective pixels	2,100,000
Lens	Manual focus
Output port	SDI Model: SDI, LAN,
Field angle (D/H/V)	HDMI/U3 Model: HDMI, USB3.0, LAN
	112°/82°/57.6°

## Pan/tilt parameters

Horizontal rotation	-170°~+170°
Vertical rotation	-30°~+90°
Horizontal control speed	0.1 ~100°/s
Vertical control speed	0.1~45°/s
Preset speed	Horizontal: 100°/s, vertical:45°/s
Preset quantity	User can set 255 presets at most (10 pcs of mobile control)

## Other parameters

Power adapter	Input AC110V-AC220V output DC12V/2.5A
Input voltage	DC12V±10%
Input current	1.5A (maximum)
Power consumption	18W (maximum)
Storage temperature	-10°C~+60°C
Storage humidity	20%~95%
Operating temperature	-10°C~+50°C
Operating humidity	20%~80%
Dimension (WxHxD)	254mm x 144mm x 174mm
Weight (approx.)	1.50kg
Operating environment	Indoor
Remote maintenance (network port)	Remote upgrade, restart and reset
Standard accessories	12V/2.5A power, RS232 control line, remote control, operation manual, warranty card
Optional accessories	Installation support

