

B29 Teacher Tracking PTZ camera

SKU:

FEATUES

The Edis B29 is a All-in-One design, can output 5 channel HD video (3 channels for close-up camera, 2 channels for panorama camera) at the same time. Teacher tracking and student tracking are carried out in the same device. Changeable Lens panorama camera lens, compatible with M12 mount lens, can be replaced. It is easy to use for Classrooms of different sizes. adjustable Viewing Angle panorama camera can adjust viewing angle in vertical (-20° ~ 0°), so as to convenient for installation and debugging. Built-in leading image recognition and tracking algorithm, achieve smooth and natural tracking effect, without any auxiliary camera or tracking host. Same Image Style Both panorama camera and close-up camera use the same ISP, make sure the image output have the same brightness, color, style, etc. Easy Configuration easy to make a configuration for tracking parameters by connecting to Ethernet directly. Just some basic parameters will be configured, and engineering debugging time and cost will be saved. Close-up camera use 72.5° wide-angle high quality lens, support 12x optical zoom, and 16x digital zoom. 1080P Full HD apply high quality HD CMOS sensors of 1/2.8 inch, 2.07 million effective pixels, so as to reach maximum 1920 x 1080 resolution and achieve quality image.



PANORAMA CAMERA

Video System	1080p/60, 1080p/50, 1080i/60, 1080i/50, 1080p/30, 1080p/25, 720p/60, 720p/50, 720p/30, 720p/25
Sensor	1/2.8", CMOS, Effective Pixel: 2.07M
Scanning Mode	Progressive
Lens Mount	M12 Mount
Teacher Panorama Lens	f=6mm, F1.8, AoV about 60°(default, changeable)
Student Panorama Lens	f=3.6mm, F1.8, AoV about 85° (default, changeable)
Minimal Illumination	0.5 Lux @ (F1.8, AGC ON)
Shutter	1/30s ~ 1/10000s
White Balance	Auto, Indoor, Outdoor, One Push, Manual, Specified color temperature
Digital Noise Reduction	2D, 3D digital noise reduction
Backlight Compensation	Support
Image Freeze	Support
H & V Flip	Support

NETWORK FEATURES

Video Compression	H.264 / MJPEG
Video Stream	First Stream, Second Stream
First Stream Resolution	1920x1080, 1280x720, 1024x576, etc.
Second Stream Resolution	720x576, 720x480, 320x240, etc.
Video Bit Rate	32Kbps ~ 20480Kbps
Bit Rate Type	Variable Rate, Fixed Rate
Frame Rate	50Hz: 1fps ~ 50fps, 60Hz: 1fps ~ 60fps
Audio Compression	AAC
Audio Bit Rate	96Kbps, 128Kbps, 256Kbps
Support protocols	TCP/IP, HTTP, RTSP, RTMP, Onvif, DHCP, Multicast, etc.

INPUT/OUTPUT INTERFACE

HD Output	1xHDMI: Version 1.3 2x3G-SDI: BNC type, 800mVp-p, 75Ω, Along to SMPTE 424M standard
Network Interface	2xRJ45: 10M/100M Ethernet Interface
Audio Interface	1-ch: 3.5mm Audio Interface, Line In
USB	1xUSB2.0: Type A female jack
Communication Interface	1xRS232 In: 8pin Min DIN, Max Distance: 30m, VISCA/Pelco-D/Pelco-P Protocol 2xRS232 Out: 8pin Min DIN, Max Distance: 30m 1xRS485: 2pin Phoenix Port, Max Distance: 1200m, VISCA/Pelco-D/Pelco-P Protocol
Power Jack	JEITA type (DC IN 12V)

GENERIC SPECIFICATION

Input Voltage	DC 12V
Current	1.5A (Max)
Consumption	
Operating Temperature	-10°C ~ 40°C (14°F ~ 104°F)
Storage Temperature	-40°C ~ 60°C (-40°F ~ 140°F)
Power Consumption	18W (Max)
MTBF	>30000h
Size	240mm (W) x 144mm (D) x 200mm (H)

CLOSE-UP CAMERA

Video System	1080p/60, 1080p/50, 1080i/60, 1080i/50, 1080p/30, 1080p/25, 720p/60, 720p/50, 720p/30, 720p/25
Sensor	1/2.8", CMOS, Effective Pixel: 2.07M
Scanning Mode	Progressive
Lens	12x, f3.5mm ~ 42.3mm, F1.8 ~ F2.8
Digital Zoom	16x
Minimal Illumination	0.5 Lux @ (F1.8, AGC ON)
Shutter	1/30s ~ 1/10000s
White Balance	Auto, Indoor, Outdoor, One Push, Manual, Specified color temperature
Pan Speed Range	1.7° ~ 100°/s
Tilt Speed Range	1.7° ~ 69.9°/s
H & V Flip	Support
Image Freeze	Support

Backlight Compensation	Support
Digital Noise Reduction	2D&3D Digital Noise Reduction
Video S/N	≥55dB
Horizontal Angle of View	72.5° ~ 6.9°
Vertical Angle of View	44.8° ~ 3.9°
Horizontal Rotation Range	±170°
Vertical Rotation Range	-30° ~ +90°
Backlight Compensation	Support
Local Storage	Support
Number of Preset	255
Preset Accuracy	0.1°