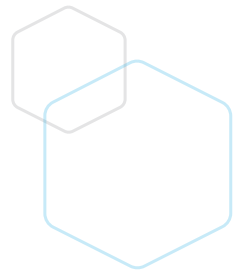




## CB-PI4012XR

4MP Network IR Mini PTZ  
with 12x Optical zoom



### Key Features

- > 1/2.8" Progressive Scan CMOS
- > 12x Optical Zoom
- > H.265 encoding, 4MP@25fps
- > WDR (120db)
- > Smart IR Range 100m
- > Auto Tracking, Video analytics features
- > Low bitrate, Good low light performance

### Overview

Featuring 12x optical zoom and 4MP resolution **CB-PI4012XR** can provide both large monitoring range and great image quality. **CB-PI4012XR** is equipped with auto tracking and several video analytics features so it can meet most of video surveillance applications requirements.

## SPECIFICATIONS

## CAMERA

Image Sensor	1/2.8" Progressive Scan CMOS
Effective Pixels	2592(H)×1520(V)
Scanning System	Progressive
Electronic Shutter	1/5-1/20000s
Min. illumination	Color:0.01Lux@(F1.2,AGC ON) ; B/W:0Lux@(IR LED ON)
S/N Ratio	55dB
IR Distance	Smart IR up to 100m
IR On/Off Control	Auto/Manual
IR LEDs	6pcs

## LENS

Focal Length	4.7~56.4mm
Max. Aperture	F1.6~F3.0
Angle of View	H:60.9°~6.43°
Optical Zoom	12x
Focus Control	Auto/Manual
Close Focus Distance	300mm~1000mm

## PTZ

Pan/Tilt Range	Pan: 0° ~ 360° endless, Tilt: -10° ~ 90°
Manual Control Speed	Pan: 0.1° ~180° /s, Tilt: 0.1° ~90° /s
Preset Speed	Pan: 180° /s, Tilt: 90° /s
Presets	300
PTZ Mode	6 Track, 12 Tour, 12 Scan
Speed Setup	Auto / Manual (0-8)
Power up Action	Support
Idle Motion	Activate Preset/ Scan/ Tour/ Track if there is no command in the specified period

## INTELLIGENCE

Auto Tracking	Support
IVS	Perimeter, Single Virtual Fences, Double Virtual Fences, Loiter, Multi Loiter, Object Left, Object Removed, Abnormal Speed, Converse, Illegal Parking, Signal Bad

## AUDIO

Compression	G.711,RAM_PCM
Bit Rate	64kbps (G.711), 128kps (RAW_PCM)

## INTERFACE

Ethernet	1 Ethernet (10/100 Base-T) RJ-45 Connector
Audio Interface	1ch Audio In,1ch Audio Out
Alarm	2ch Alarm In,1ch Alarm Out
RS485	Yes

BNC Output	Yes
Reset Button	Yes (Built-in)

## VIDEO

Compression	H.265, H.264, MJPEG
Streaming Capability	3 Streams
Stream / Frame Rate	Stream1: 2560×1920/2592×1520 /2560×1440/2048×1536 /1920×1080/1280×720 @25/30fps Stream2: 1080/D1/VGA/640×360/ CIF/QVGA @25/30fps Stream3: VGA/CIF/QVGA @25/30fps

Bit Rate Control	CBR/VBR
Bit Rate	Stream1: 500kbps~12000kbps Stream2: 100kbps~6000kbps Stream3: 100kbps~3000kbps
Day/Night	Auto (ICR) / Color / B/W
Image Enhancement	BLC/HLC/WDR (120dB)
White Balance	Auto/Tungsten/Fluorescent/Day- light/Shadow/Manual

Gain Control	Auto/Manual
Noise Reduction	2D/3D DNR
Electronic Image Stabilization(EIS)	N/A
Defog	Yes
Digital Zoom	16x
Mirror	Support
Region of Interest	Off / On (8 Zone)
Motion Detection	Off / On
Privacy Masking	Off / On (4 Area, Rectangle)

## NETWORK

Ethernet	RJ-45 (10/100Base-T)
Protocols	IPv4/IPv6, 802.1x, HTTP, HTTPS, TCP/IP, UDP/IP, RTSP, DHCP, NTP, RTCP/RTP, PPPoE, SMTP, DNS, UPnP, FTP, APR, SNMP
Interoperability	ONVIF, CGI
Streaming Method	Unicast
Max. User Access	10 Users
Edge Storage	Micro SD card 128GB
Web Viewer	<IE11
Smart Phone	IOS, Android

## GENERAL

Power Supply	DC12V/PoE+
Power Consumption	Less than 25W

## SPECIFICATIONS

Operating Temperature	Starting Temperature: -30°C ~ 60°C (-22°F ~ 140 °F) Working Temperature: -40°C ~ 60°C (-40°F ~ 140 °F)
Storage Conditions	Less than 90% RH
Ingress Protection	IP66,TVS4000V
Certifications	CE/FCC
Casing	Metal
Dimensions	146.6×139.3×218.3mm
Net Weight	1.5Kg

## DIMENSIONS

