

HD-PTZ-12X-R

1 Megapixel 12x HD-AVS PTZ Camera



- 1/3" 1Megapixel Exmor CMOS
- Max. 25/30/50/60fps@720P
- HD and CVBS switchable
- BLC, HLC, DWDR
- Powerful 12x optical zoom
- IK10, AC24V

System Overview

The HD-PTZ-12X-R from Clearview features a 1/3" 1 Megapixel Exmor CMOS capable of 25/30/50/60fps in 720P resolution with a powerful 12x optical zoom. The camera is also switchable to CVBS standard definition mode.

This PTZ is protected with an IK10 vandal proof rating. With smooth control, high quality image and excellent protection packed into a small size form factor, these features make this camera an excellent choice for most video surveillance applications

Functions

Simplicity

HD-AVS technology inherits the born feature of simplicity from traditional analog surveillance system, making itself a best choice for investment protection. HD-AVS system can seamlessly upgrade the traditional analog system without replacing existing coaxial cabling. The plug and play approach enables full HD video surveillance without the hassle of configuring a network.

Multiple-formats

The camera supports multiple video formats including HD-AVS, CVBS. The two formats can be switched over through OSD menu. This feature makes the camera to be compatible with not only AVRs but also most end users' existing Standard Definition DVRs.

Environmental

Cameras operate in extreme temperature environments, rated for use in temperatures from -30° C to +60° C (-22° F to +140° F) with 95% humidity. Device has metal casting construction.

Technical Specification

Camera

Image Sensor	1/3" Exmor CMOS
Effective Pixels	1280(H) x 720(V), 1 Megapixels
Scanning System	Progressive
Electronic Shutter Speed	1/3s~1/300,000s
Minimum Illumination	Color: 0.05Lux@F1.6; B/W: 0.005Lux@F1.6
S/N Ratio	More than 50dB
IR Distance	N/A
IR On/Off Control	N/A
IR LEDs	N/A

Lens

Lens Type	5.1mm~61.2mm
Max. Aperture	F1.6 ~ F3.0
Angle of View	H: 112.5° ~ 30°
Optical Zoom	4x
Focus Control	Auto / Manual
Close Focus Distance	100mm~ 1000mm

Pan/Tilt/Rotation

Pan/Tilt Range	Pan: 0° ~ 360° endless; Tilt: -2° ~ 90°, auto flip 180°
Manual Control Speed	Pan: 0.1° ~ 300° /s; Tilt: 0.1° ~ 120° /s
Preset Speed	Pan: 300° /s; Tilt: 200° /s
Presets	300
PTZ Mode	5 Pattern, 8 Tour, Auto Pan ,Auto Scan
Speed Setup	Human-oriented focal Length/ speed adaptation
Power up Action	Auto restore to previous PTZ and lens status after power failure
Idle Motion	Activate Preset/ Scan/Tour/ Pattern if there is no command in the specified period
Protocol	ICR-SD, Pelco-P/D (Auto recognition)

Video

Resolution	720P(1280×720)
Frame Rate	25/30/50/60fps@720P
Video Output	1-channel BNC high definition video output/ CVBS standard definition video output (switchable)
Day/Night	Auto(ICR) / Color / B/W
OSD Menu	Support
BLC Mode	BLC / HLC / DWDR
White Balance	Auto, ATW, Indoor, Outdoor, Manual
Gain Control	Auto / Manual
Noise Reduction	Ultra DNR (2D/3D)
Digital Zoom	16x
Flip	180°
Privacy Masking	Up to 24 areas

Certifications

Certifications	CE: EN55032/EN55024/EN50130-4 FCC: Part15 subpartB, ANSI C63.4- 2014 UL: UL60950-1+CAN/CSA C22.2, No.60950-1
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Interface

Video Interface	1
Audio Interface	1 channel in
RS485	1
Alarm I/O	2/1

Electrical

Power Supply	AC24V/1.5A(±10%)
Power Consumption	10W

Environmental

Operating Conditions	-30°C ~ 60°C (-22°F ~ +140°F) / Less than 95% RH
Ingress Protection	N/A
Vandal Resistance	IK10

Construction

Casing	Metal
Dimensions	186.0(mm) x 309(mm)
Net Weight	2.3kg(5.07lb)
Gross Weight	3.3kg(7.28lb)

Accessories

Dimensions (mm/in)

