



Active System Integration

# CP-UNP-2020L10D

H.264 Video Compression

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## Technical Specification

Image Sensor	1/3" Exmor CMOS
Effective Pixels	1944(H) x 1092(V), 2 Megapixels
Synchronization	Internal
Video Output	BNC(1.0Vp-p/75Ω), PAL / NTSC
S/N Ratio	More than 50dB
Minimum illumination	0.05Lux@F1.6
Focal Length	4.7mm~94mm
White Balance	Auto, ATW, Indoor, Outdoor, Manual
Angle of View	H: 58.2° ~ 2.9°
Focus Control	Auto/Manual
Electronic Shutter	1/1 to 1/10,000 s
AGC control	Auto / Manual
Back Light Compensation	BLC / HLC / WDR
Privacy Masking	Up to 24 areas

## Features

- 1/3" Exmor CMOS
- Powerful 20x optical zoom and 12x digital zoom
- H.264 & Dual-stream video encoding and JPEG image capture
- WDR, Day/Night(ICR), DNR (2D&3D),Auto iris, Auto focus, AWB, AGC,BLC
- Max 240°/s pan speed, 360° endless pan rotation
- Max 25/30fps@1080P resolution
- The longest distance of the build-in IR LED is over 100m



## Technical Specification

Remote Operations	Monitor, PTZ control, Voice Intercom, System setting, Playback, File download, Log information, Maintenance & Upgrade
Optical Zoom	20x
Digital Zoom	12x
Pan Travel	0°~360°endless
Tilt Travel	-2°~90° auto flip 180°
Manual Speed	Pan: 0.1° ~160° /s; Tilt: 0.1° ~120° /s
Presets	255
Preset Speed	Horizontal: 400°/s, Vertical: 180°/s
Special Features	WDR, Day/Night(ICR), DNR (2D&3D),Auto iris, Auto focus, 5 Auto Pattern, 8 Auto Tour, 5 auto scan
Power up action	Auto restore to previous PTZ and lens status after power failure
Idle Motion	Activate Preset/ Pan/ Scan/ Tour/ Pattern if there is no command in the specified period
Time task	Auto activation of Preset/Pan/Scan/Tour/Pattern by preset-time
Day/Night: IR Cut Filter	Auto(ICR) / Color / B/W
Video Compression	H.264 / MJPEG
Video Streaming	Main Stream: PAL: 1080P/720P(1~25fps), Extra Stream: PAL: 1080P/720P(1~30fps)



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Audio Compression	G.711a / G.711u(32kbps)/ PCM(128kbps)
Audio Streaming	Off/Audio input/Audio output
Networking	RJ-45 (10/100Base-T)
Protocols	IPv4/IPv6, HTTP, HTTPS, SSL, TCP/IP, UPnP, ICMP, IGMP, SNMP, RTSP, RTP, UDP, SMTP, NTP, DHCP, DNS, PPPOE, DDNS, FTP, IP Filter, QoS, Bonjour, ONVIF Ver 2.0
Alarm	7/2 alarm input/output
User Account	20 Users simultaneously
Memory	Micro SD, Max 32GB
Operating Temperature	-40°C ~ 60°C / Less than 90% RH
Weatherproof Standard	IP66
Dimensions	Φ229.6 (mm) x 381 (mm)
Weight	7.0kg
Power Source	AC 24V/3A (±10%)/ DC12V optional
Power Consumption	12W/30W(IR LED ON)
Regulatory	CE, FCC, RoHS