

CL7200 | License Plate Recognition 2MP Box Camera

www.zavio.com

ZAVIO
Innovating IP since 2006



*Lens to be purchased separately

- 1/2.8" 2MP Starlight CMOS sensor
- Compatible with C/CS-mount lenses
- Smart Codec + H.265
- 1080p @ 60fps
- 120dB WDR
- 3D DNR
- ROI (Region Of Interest)
- Corridor mode
- Defog
- Operating conditions -30~ 60°C
- Micro SD/SDHC/SDXC card slot up to 128GB
- Two way audio (full duplex)
- 1 alarm in / 1 alarm out
- 12V DC & PoE (802.3af)
- ONVIF 2.4 & Profile S

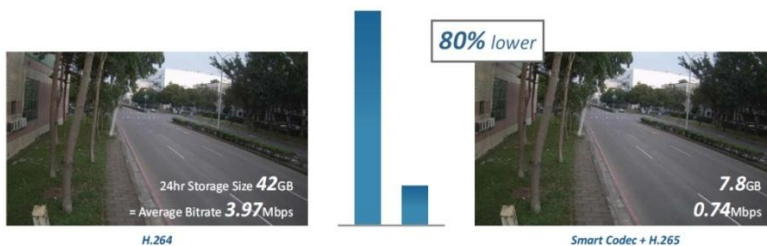
ZAVIO CL7200 is a full featured camera module specially designed for LPR applications, allowing a better capture of the license plate even under challenging environments. Supporting both C-mount and CS-mount lenses, the 2MP camera module provides maximum flexibility to suit your installation requirements.

The combination of the latest H.265 compression and ZAVIO's Smart Codec technology enables CL7200 to reduce bandwidth and storage consumption up to 80% less than standard H.264 cameras. Equipped with Starlight Sony sensor and long distance IR leds, CL7200 has the capability of producing high quality image day and night regardless of the outside lighting conditions.

Features

Smart Codec + H.265

ZAVIO Smart Codec + H.265 reduces bandwidth and storage requirements by a stunning 80% compared to standard H.264 camera.



WDR off



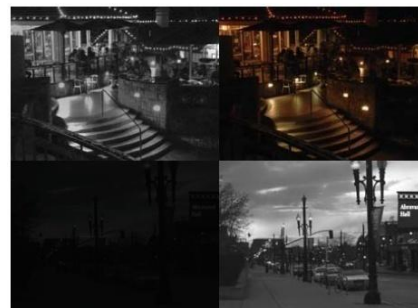
WDR on

WDR

Cameras with WDR will take multiple exposures of the full scene and merge them together to provide an image that extends further than the human eye can perceive.

Starlight

Combined with cutting-edge sensor technology, advanced noise reduction and high frame rate, Starlight cameras can capture highly detailed color images of fast moving objects even under challenging lighting conditions.



Other Cameras

ZAVIO Starlight Cameras



ROI (Region Of Interest)

Defining a Region Of Interest will allow you to spend less bandwidth in areas that are less important while relocating resolution on the most relevant areas.

Corridor mode

Corridor Mode allows you to get a vertically oriented video stream from the camera, maximizing image quality while eliminating bandwidth and storage waste.



Landscape mode

Corridor mode

Technical Specifications

Camera

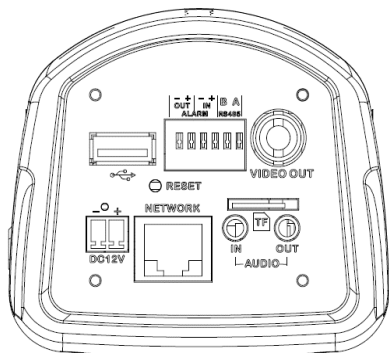
| | |
|------------------------------|---|
| Camera Type | 2MP Box Camera |
| Image sensor | 1/2.8" CMOS sensor |
| Lens | C/CS-mount |
| Horizontal view angle | - |
| IR working distance | 100m |
| Min | 0.001 lux @ F1.6 (color) 0.0001 lux @ F1.6 (B/W) |
| WDR | 120dB |
| Day/Night function | Mechanical IR cut filter |

Video & Audio

| | |
|--------------------------|--|
| Resolutions | Motion JPEG/H.264/H.265: 2 Profile from 1920 x 1080 to 320 x 240 (total 5 resolutions) 2 Profile from 640 x 480 to 320 x 240 (total 3 resolutions) |
| Video compression | Motion JPEG H.264 baseline/ main profile/high profile H.265 |
| Frame rate | H.265/H.264: up to 60 fps at 1920 x 1080 Motion JPEG : up to 30 fps at 1920 x 1080 |
| Video | Simultaneous Motion JPEG, H.264, H.265 Controllable frame rate and bandwidth Support unicast and multicast (RTSP) |
| Image settings | Rotation: mirror, flip, mirror flip, corridor mode Brightness, contrast, saturation, sharpness Overlay capabilities: time, date, text and privacy Image ROI, White balance (auto/manual) 3D DNR Defog |
| Audio support | Two-way (full duplex) |
| Audio compression | G.711 u law, a law, G.726, AMR |

I/O & Connector

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|----------------------------|--|
| Ethernet | RJ-45 Ethernet 10/100 Base -T |
| Power Supply | Terminal block, 12V DC, 1A Power consumption: Max 72W PoE(Power over Ethernet) built-in IEEE 802.3af |
| Alarm I/O | Terminal block, 1/1 |
| Audio connector | 3.5mm Phone Jack , line in & line out |
| Analog video output | BNC |
| RS-485 | Terminal block |
| Edge storage | Micro SD/SDHC/SDXC up to 128GB |
| Buttons | Reset push button |
| Other(s) | USB connector |



Alarm & Event

| | |
|---------------------|--|
| Event type | Alarm input, motion detection, audio detection, periodical, network link down, tampering, tripwire, people density, perimeter. |
| Alarm action | Network storage, edge storage, FTP, SMTP, HTTP event, HTTPS, alarm out pre and post event image. |

Network

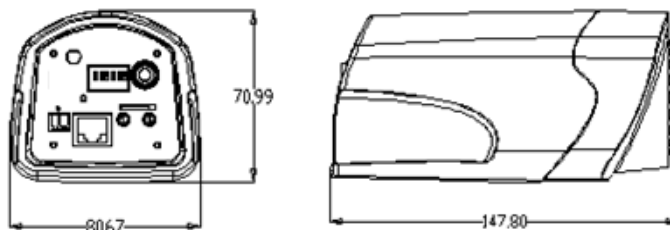
| | |
|----------------------------|---|
| Users | 10 simultaneous users |
| Security | Multiple user access levels with password protection, HTTPS encryption |
| Supported protocols | IPv4, IPv6, Bonjour, TCP/IP, DHCP, DNS, DynDNS, PPPoE, ARP, ICMP, FTP, SMTP, NTP, UPnP, RTSP, RTP, RTCP, HTTP, HTTPS, SSL, TCP, UDP |
| ONVIF | 2.4 & Profile S |

General

| | |
|-----------------------------|---|
| Housing | Aluminum Alloy |
| Ingress Protection | IP68 |
| Impact Protection | IK10 |
| Operating conditions | Starting temperature: -10 ~ 60°C Humidity 10-100% RH Working temperature: -30 ~ 60°C Humidity 10-100% RH |
| Dimensions | 462.7(L) x 171(W) x 256(H)mm |
| Weight | 6kgs |
| Included accessories | Quick installation guide, hex wrench, C-mount adaptor, Outdoor enclosure (built-in fan & heater), IR module |
| Certification | CE, FCC, RoHS |
| Language | Chinese, Croatian, Czech, Danish, Dutch, English, French, German, Greek, Hungarian, Italian, Japanese, Korean, Polish, Portuguese, Russian, Slovak, Spanish, Swedish, Turkish |

System Requirements

| | |
|-------------------------|--|
| Operating system | Windows XP / 7 / 8 / 8.1, MAC OS, Linux |
| Browser | Internet Explorer 9 / 10 / 11, Chrome, Firefox, Safari |



ZAVIO Inc. | 2F., No.24-2, Gongye E. 4th Rd., East Dist., Hsinchu City 300, Taiwan
www.zavio.com | TEL: 886-3-579-0275 | FAX: 886-3-668-6845 | E-Mail: sales@zavio.com