UNV 2MP License Plate Capture Camera



≤ 18.64mph (30km/h) for entry/exit scenes • 1 / 2.8" CMOS 2MP • 0.001 lux (F1.6) • H.264 (default) / H.265 • 4.7-47mm VF, Motorized • 164 ft (50m) IR Distance • IP67 + IK10 • 12VDC / PoE+(at) • Micro SD Slot / up to 128GB

FEATURES

- 1920 × 1080 @ 60fps

- Custom OSD allows various vehicle information to be overlaid on the video image
- Built-in vehicle & license plate recognition algorithm can recognize standard license plates of multiple countries
- Supports license plate detection and recognition for up to 2 lanes in road scenes
- Supports recognition of up to 10 vehicle body colors
- Supports allow list and block list configurations
- Supports vehicle access control when connected to a barrier
- Supports Micro SD cards of up to 128 GB
- IP67 and IK10

SPECIFICATIONS

Camera	
Sensor	1 / 2.8” 2MP CMOS
Focal length	4.7 to 47mm, motorized zoom
Shutter	Auto / Manual, range: 1 / 25 to 1 / 100000 s
Minimum illumination	0.001lux (F1.6)
Image	
Image collection format	1080P@25 (default), 1080P@30, 1080P@50, 1080P@60
Resolution	Main stream: 1080P (default), 720P, D1 Sub stream: 720P (default), D1, 2CIF, CIF Third stream: D1 (default), 2CIF, CIF
Frame rate	60, 50, 30, 25 (default), 22, 20, 18, 16, 15, 12.5, 10, 8, 6, 5, 4, 3, 2, 1
Video compression	H.264 (default), H.265
ROI	Supports up to 8 regions
Video OSD	Supports 8 overlay areas and allows contents including date, time, date&time, zoom ratio, custom contents
Image OSD	Supports 8 overlay areas and allows contents including time, license plate number, device ID, camera ID, allowlist, image authentication ID, custom contents (3 items), location
Smart	
Application scenario	Vehicle speed ≤30km / h Supports simultaneous application to entry / exit scenes
Vehicle detection mode	Video (default) or inductive loop

Capture vehicle head only	Support
License plate number recognition	Supports recognition of license plates with numbers and letters by default
List configuration	Supports allowlist and blocklist configuration, each list allows 20,000 items Supports import, export, add, and delete operations
Barrier opening policy	Open barrier only for the recognized vehicles Open barrier for all vehicles Open barrier only for vehicles on the allowlist Open barrier for vehicles not on the blocklist Configurable Boolean output ID
Storage	
Edge storage	Supports ANR with a Micro SD card, up to 128GB
Structure	
Illumination	Built-in integrated illumination module, including 4 IR LEDs, 50m illumination distance, automatic on / off control
Sunshield	Long sunshield
Bracket	3-axis mounting bracket
Junction box	The camera comes with a junction box for storing tail cable
Interface	
Network interface	1 × 10M / 100M RJ45
Serial port	1 × RS485
Boolean output	1 relay output, withstand voltage: AC 125V / 0.3A, DC 30V / 1A
Boolean input	2 inputs, supports level / Boolean, with max level up to DC 5V
Audio interface	1 × audio input, 1 × audio output
Storage interface	1 × Micro SD card slot
General	
Power supply	DC12V + 25% ~ 10% Max. power consumption: 20W Supports PoE (802.3at, class 4)
Dimensions (L×W×H)	386mm × 126mm × 130mm
Weight	2kg
Operating environment	−40°C to 60°C, ≤90% RH

Ingress protection	IP67, IK10