

DHI-ITC237-PW1A-IRZ

2 Megapixel Full HD Starlight Access ANPR Camera



- Embedded with LPR algorithm inside the camera
- Support plate cutout, overview picture snapshot and video recording
- Embedded with White list database, control the barrier
- Powerful 4-8mm motorized lens and IR light, ideal for monitor ANPR distance as 4~8m
- Wide working temperature, IP66 and superior performance for outdoor applications
- Ultra-low light Starlight and true WDR technology

Overview

Featuring a True Day/Night, 2-megapixel resolution LPR camera in parking and access control environment, video detect and recognize the plate in low speed less than 40KMH with embedded LPR algorithm. White list inside the camera control barrier

Technical Specification

Camera

Image Sensor	1/1.9 inch 2 Megara CMOS
Max. Resolution	2MP, 1920(H) x 1080(V)
Scanning System	Progressive
Minimum Illumination	0.002Lux/F1.2 (Color), 0Lux/F1.2 (IR on)
Electronic Shutter Speed	1/25~1/10000
IR Distance	4~8m
IR LEDs	4

Lens

Lens Type	Motorized/ Auto Iris(DC)
Mount Type	Board-in Type
Focal Length	4mm~8mm
Max Aperture	F1.65
Angle of View	H:90°(Wide)~58°(Tele)
Focus control	Auto
Focus Width Range	1 lane
Focus Distance Range	4-8m

Intelligence

License Plate Recognition (LPR)	Embedded
Detection model	Loop or video detection
Snapshot	Overview and cutout of plate for picture
OSD overlay	Time, place, plate number, lane No
White list	10000 recording
Barrier control	1 ch relay out to control the barrier

Network

Ethernet	RJ-45 (10/100Base-T)
Interoperability	CGI, SDK, Onvif
Max. User Access	20
Web Viewer	IE8, IE9, IE10, IE11, Chrome V33, V41
Protocol	IPv4/IPv6, HTTP, TCP/IP, UDP, NTP, DHCP, DNS
Edge Storage	Micro SD, Max 64GB Status Display Local PC for Instant Recording
Management Software	DSS

Video

Compression	H.264M/H.264H/H.264B
Resolution	1080P(1920x1080)
Frame Rate	1080P(1 ~ 25/30fps WDR on; 1 ~ 50/60fps WDR off)
Bit Rate Control	CBR VBR
Bit Rate	H.264: 80K bps~ 10Mbps
Day/Night	Auto(ICR) / Color / B/W
BLC Mode	BLC,HLC,WDR(120db)
White Balance	Auto/Manual
Gain Control	Auto/Manual
Noise Reduction	3D

Certifications

Certifications	CE FCC
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Interface

Audio Interface	Input/Output 1 Input / 1 Output
RS485	NA
Alarm	2/1 channel In/Out

Eelectrical

Power Supply	AC24V, PoE (802.3af)
Power Consumption	<15W (with IR on, motorized lens working)

Environmental

Operating Conditions	-40°C~+60°C, Less than 95% RH
Ingress Protection & Vandal Resistance	IP66

Construction

Dimensions	273.30mm × 94.8mm × 94.8mm
Net Weight	1.12kg(1.52 kg with packaging)

Ordering Information

Type	Part Number	
2MP camera	ITC237-PW1A-IRZ	2MP HD Access LPR, loop and video detection,embedded LPR
Accessories	8018-DH816W2	Housing Bracket
	1.2m Pole	1.2m Pole

Accessories

Optional:



Bracket 8018



1.2m Pole

Dimensions (mm/inch)

