

DHI-ITC237-PU1B-IR

2 Megapixel Full HD WDR 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 5-50mm manual lens and IR light, ideal for monitor ANPR distance as 40m
- Wide working temperature, IP66 and superior performance for outdoor applications
- 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 40KM/H with embedded LPR algorithm. White list inside the camera control barrier

Technical Specification

Camera

Image Sensor	1/2.8 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	1/50~1/10000
IR Distance	40m
IR LEDs	6

Lens

Lens Type	Manual/Auto Iris(DC)
Mount Type	C
Lens	5-50mm option
Max Aperture	F1.6
Angle of View	H: 50°~ 5.6° V:37.5° ~4.2°
Focus Control	Manual
Close Focus Distance	4~40m for license plate(Different height required, >10m long range recommendation)

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	2 ch relay out to control the barrier

Network

Ethernet	RJ-45 (100/1000Base-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.265/H.264M/H.264H/H.264B
Resolution	1080P(1920x1080)
Frame Rate	1080P(1 ~ 25/30fps)
Bit Rate Control	CBR VBR
Bit Rate	32 ~ 16384 Kbps
Day/Night	Auto(ICR) / Color / B/W
Dual Stream	Support, Main stream and sub stream
BLC Mode	BLC,HLC,WDR(140db)
White Balance	Auto/Manual
Gain Control	Auto/Manual
Noise Reduction	3D

Certifications

Certifications	CE FCC
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Interface

Video Interface	BNC
Audio Interface	Input/Output 2 Input / 1 Output
RS485	1 ch
Alarm	2/2 channel In/Out

Eeectrical

Power Supply	POE+
Power Consumption	17W

Environmental

Operating Conditions	Temperature-30°C~+60°C, Less than 95% RH
RS485Ingress Protection & Vandal Resistance	IP66

Construction

Dimensions	447mm x240mm x233mm
Net Weight	4.1 kg with packaging

Ordering Information

Type	Part Number	
2MP camera	ITC237-PU1B-IR	2MP HD Access LPR, loop and video detection,embedded LPR
Accessories	8018-DH816W2	Housing Bracket
	1.2m Pole	1.2m Pole
	PFB604W	Wall Mount Bracket

Accessories

Pole mount:



Bracket 8018



1.2M Pole

Wall mount:



PFB604W

Dimensions (mm/inch)

