

# DHI-ITC237-PW1B-IRZ

## 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 2.7-12mm motorized lens and IR light, ideal for monitor ANPR distance as 3~8m
- Wide working temperature, IP67, IK10 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 40KMH 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	0.005Lux/F1.6 (Color), 0Lux/F1.53 (IR on)
Electronic Shutter Speed	1/50~1/10000
IR Distance	3~8m
IR LEDs	4

#### Lens

Lens Type	Motorized/ Auto Iris(DC)
Mount Type	Board-in Type
Focal Length	2.7mm~12mm
Max Aperture	F1.6
Angle of View	H: 101°~36° V: 53°~20°
Focus control	Auto
Focus Width Range	1 lane
Focus Distance Range	3-8m

### 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 (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 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**

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

**Eelectrical**

Power Supply	DC12V, PoE (802.3af)
Power Consumption	<12W (with IR on, motorized lens working)

**Environmental**

Operating Conditions	-40°C~+60°C, Less than 95% RH
RS485Ingress Protection & Vandal Resistance	IP67, IK10

**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-PW1B-IRZ	2MP HD Access LPR, 25/30FPS,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)**

