IDIS ANPR/LPR

Limitations of Current ANPR/LPR

Imaging software and surveillance equipment have developed dramatically in recent years. However, mainstream ANPR/LPR systems have lagged behind, remaining largely dependent on technologies that haven't kept pace with recent advances in imaging and computing science. As a result, they fall short of current requirements for reliable quality, high performance and ease of use. What's more, customers typically find themselves locked into inflexible legacy systems that need constant reconfiguration, adding to the strain on operational resources.

Introducing Next Generation ANPR/LPR from IDIS

IDIS have teamed up with 4Sight Imaging, an expert advanced imaging science technology company, to transform automated number plate recognition (ANPR/LPR) surveillance monitoring.
By coupling a high performance, specialist IDIS 2MP ANPR/LPR camera with 4Sight image analysis software, IDIS offers a simple, fast deployment, a radically improved user experience, measurable savings and multiple performance benefits compared to traditional ANPR/LPR technologies.
This is further demonstrated by this leading image analysis technology proving ten times more accurate in independent comparative testing.

Ground breaking accuracy combined with plug-and-play functionality

The New Gold Standard

The IDIS ANPR/LPR solution utilizes patented plug-and-play technology to eliminate common challenges, complexity and need for ongoing maintenance. Utilizing the next generation IDIS camera and advanced image analysis, delivers world-class accuracy over a wide range of operating conditions to enhance security and surveillance, drive operational efficiencies and improve profitability.
IDIS ANPR/LPR is powered by self-configuring adaptive appearance modelling technologies to ensure extremely high performance and reliability. Open architecture principles ensure seamless compatibility with computing architectures and with all IDIS solutions and products to establish a new gold standard in ANPR performance.

Key Features

- Excellent reliability and industry-leading levels of accuracy in all conditions
- True multi-lane capability with no overlaps from one camera
- Wide field of view, superior image quality and high performance accuracy
- Plug-and-play simplicity to maximize ease of deployment
- Greater flexibility in camera and equipment positioning
- Reduced complexity to enable easy operation and maintenance by non-experts
- Seamless integration will all IDIS surveillance platforms
- Future-proof technology offering forward compatibility with future generation IDIS cameras as well as system architectures and processing power

Key Benefits

IDIS ANPR/LPR delivers a variety of tangible benefits including:

- Significant cost reductions and low cost of ownership
- Enhanced safety and security
- Improved surveillance with high quality evidential images
- Operational efficiencies via automation of manual tasks
- Increased profitability from commercial operations
- Improved reporting and compliance
- Rapid return on investment

Ordering Information

IDIS Model#	Description
IDIS ANPR/LPR 4M	4m FOV ANPR/LPR
IDIS ANPR/LPR 8M	8m FOV ANPR/LPR

Model Name	2MP IR Bullet Camera for ANPR/LPR	
	DC-T1244WR	
VIDEO		
Image Sensor	1/2.8" CMOS	
Max. Resolution	1920 x 1080	
Lens Type	Motorized Vari-focal	
Focal Length	f=9 - 22mm	
Aperture	F1.5 - 2.8	
Iris Control	DC Auto Iris	
Angular Field of View	Wide : 35.7° (H), 19.4° (V), 41.2° (D), Tele : 14.9° (H), 8.3° (V), 17° (D)	
Min. Illumination	Color : 0.5 Lux @ F1.5, B/W : 0 Lux (IR LED On)	
Dynamic Range	74.7 dB	
Electronic Shutter Speed	Auto / Manual (1/30 ~ 1/8000), Anti-Flicker, Slow Shutter (1/7.5, 1/15)	
Day and Night	IR Cut Filter with Auto Switch	
IR Distance (LEDs)	50 m / 164 ft (40ea)	
Image Setting	Configurable Exposure, White Balance, Sharpness	
Digital Noise Reduction	Configurable 2DNR/3DNR	
Backlight Compensation	On / Off / HSBLC	
Mirroring / Pivot	Horizontal / Vertical / Pivot	
Image Stabilizer	-	
De-fog	-	
Privacy Masking	16 Zones	
Intelligent Video	Video Motion Detection, Active Tampering Alarm, Trip Zone	
Video Out	1 BNC	
NETWORK	DirectIP Mode	Compatibility Mode
Video Compression	H.264 (MP), M-JPEG	
Intelligent Codec	-	
Bitrate Control	H.264 - CBR / VBR-	
Audio Compression	-	
IP Camera Protocol	DirectIP	IDIS ONVIF Profile S
Max. Frame Rate	30ips : 1920 x 1080	30ips : 1920 x 1080
Supported Resolution	1920 x 1080, 1280 x 720, 704 x 480, 640 x 360, 352 x 240	1920 x 1080, 1280 x 720, 704 x 480, 352 x 240
Multi-video Streaming	Quadruple Streaming	Triple Streaminging
Network Protocols	DirectIP Protocol	RTP/RTSP/TCP, RTP/RTSP/HTTP/TCP, RTP/UDP RTSP/TCP, HTTP, HTTPS, FTP, SNTP, SMTP, FEN, mDNS, uPNP
Security	SSL Encryption	Multi-user Authority, IEEE 802.1x IP Filtering, HTTPS, SSL Encryption
Remote Access Client	DirectIP NVR Connection	IDIS Web, IDIS Mobile, IDIS Solution Suite
Ethernet	RJ45 (10/100BASE-T)	
Recording Session Buffer (NLTSrec)	Yes (Up to 60MB)	
Edge Storage	-	
ALARM AND EVENT		
Trigger Event	Motion Detection, Tampering, Trip Zone	
Event Notification	Remote S/W, Email (with Image)	
Audio In/ Out	-	
Alarm In / Out	-	
ENVIRONMENTAL		
Vandal Proof Casing	IK10	
Outdoor Ready	IP66	
Operating Temperature	-10°C ~ +50°C (+14°F ~ +122°F) *Starting up at above 0°C (32°F)	
Operating Humidity	0% ~ 90%	
ELECTRICAL		
Power Source	12VDC	
Power Consumption	12V=, 0.8A, 9.6W	
Approval	FCC, CE	
MECHANICAL		
Dimensions (W x H)	260mm x 210mm x 290mm (W x H x D)	
Weight	2.3 kg	

One Solution. One Company.