

DIVIO^{Tec}
TM



License Plate Capture Camera

DivioTec 3MP Motorized Lens LPR
Camera Solution
to a Safe and Smart City



SmartCatch™ SoC

DivioTec Technology



SmartCatch™ SoC is a micro-computing chipset installed inside the camera. It controls the microcontroller, microprocessor, and online software platform. DivioTec is the first to design SmartCatch™ SoC, which incorporates LPR(License Plate Recognition)mode and Overview mode into one camera. Users can easily select the camera mode that corresponds to their needs. With LPR mode, the camera is able to isolate high contrast license plate numbers from the moving vehicles to improved accuracy for LPR and ANPR solutions with consistently crisp, clear images of vehicle license plate characters. By switching to Overview mode, users can not only see license plates clearly, but also monitor the whole area with clear images day and night. This powerful processor secures national borders, harbors, and communities, ensuring us a safer and smarter city.

High-Definition Resolution

DivioTec LPR series IP camera are up to 3MP@30fps with Smart-IR. High-definition resolution captures more than 2 lanes of images in accurate and precise detail.



conventional



DivioTec

Remote Zoom Lens Adjustment

Remotely customize the field of view of your camera with DivioTec motorized lens. Remote zoom function and smart auto focus make the installation safer, easier, and faster.



zoom in



zoom out

Headlight Suppression

DivioTec's headlight suppression feature captures car plates clearly without being affected by strong headlight.



conventional



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Two Value Converter

Two Value Converter is DivioTec's new technology. It modifies the contrast of dim photos, so dark areas become completely black, and white areas completely white. The converted images better the recognition rate for LPR software.



conventional



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Smart IR+

Conventional IR LED produces narrow lighting on only one lane, causing overexposure. Smart IR+ is our technology that adjusts the intensity of infrared allowing balanced lighting across multiple lanes.



conventional



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Smart Day/Night Mode

DivioTec cameras push the limits of a camera's performance under extreme low lux environment. This new technology allows DivioTec cameras to stay in color even in low light conditions.



day mode



night mode

Extreme Weather Conditions

DivioTec LPR camera is of industrial grade. It functions from -40°F to 140°F (-40 °C to 60 °C) DivioTec cameras are designed to withstand extreme weather conditions and to provide reliable surveillance at all times.



hot weather



cold weather

Water & Vandal Proof

With IK10/IP67-rated weatherproof protective casing, DivioTec can be placed in the most challenging environment.



water proof



vandal proof

Profile Management

DivioTec profile management helps users manage different settings and schedules more efficiently, meeting variation in lighting and other environmental factors on the road.

For Reflective & Non-reflective

With the smart AE & exposure value adjustment, DivioTec is capable to capture both non-reflective & reflective plates concurrently.

LPR Software Partners

DivioTec has invested significant resources and time and to develop superior license plate recognition solutions with numerous software partners around the world. Our LPR Software Partners consists of vendors specializing in OCR and intelligent traffic management system that have properly tested compatible with DivioTec cameras and features. DivioTec LPR solution supports over 100 countries, states and regions around the world and our partnerships are the driving force behind our success.





	High Speed		
Model Number	TBR723	TBR722	TBR721
Technology	SmartCatch™ SoC	SmartCatch™ SoC	SmartCatch™ SoC
Image Sensor	1/3" Progressive Scan CMOS Sensor	1/3" Progressive Scan CMOS Sensor	1/3" Progressive Scan CMOS Sensor
Lens	7-50mm Varifocal Lens	9-22mm Motorized Lens, F1.5, Advanced P-Iris	3-10mm Motorized Lens, F1.4, Advanced P-Iris
Resolution	3MP @ 30 fps, Full HD 1080P @ 60 fps	3MP @ 30 fps, Full HD 1080P @ 60 fps	3MP @ 30 fps, Full HD 1080P @ 60 fps
IR Distance	70M (223ft) IR Distance, Smart IR+	50M (164ft) IR Distance, Smart IR+	30M (98ft) IR Distance, Smart IR+
Day/Night	Smart Filter: Removable IR-cut Filter	Smart Filter: Removable IR-cut Filter	Smart Filter: Removable IR-cut Filter
WDR	true WDR(multiple shutters), 120db	true WDR(multiple shutters), 120db	true WDR(multiple shutters), 120db
Field of View	6.9°~46.4° (D)/5.5°~37.8° (H)/ 4.1°~28.8° (V)	16.1°~36.5° (D)/12.5°~29.4° (H)/ 9.7°~24.8° (V)	103.1°~42.6° (D)/81.9°~33.6° (H) / 62.6°~25.5° (V)
Vehicle Speed	0 – 200 km/h (0 – 124 m/h)	0 – 200 km/h (0 – 124 m/h)	0 – 200 km/h (0 – 124 m/h)
Shutter Speed	1/7 - 1/20000 sec..	1/7 - 1/20000 sec.	1/7 - 1/20000 sec.
Capture Range	25 - 35 meters / 82 – 114 ft	15-20 meters / 49-65 ft	5-10 meters / 16-32 ft
Power Source	PoE+, DC 12V/AC 24V	PoE+, DC 12V/AC 24V	PoE, DC 12V/AC 24V
Operating Temperature	-40°C to 60°C / -40°F to 140°F	-40°C to 60°C / -40°F to 140°F	-40°C to 60°C / -40°F to 140°F
Protection	IP67, IK10	IP67, IK10	IP67, IK10



	Midium Speed		Accessories	
Model Number	TDR751	TBR720	AIR70	AIR150
Technology	SmartCatch™ SoC	SmartCatch™ SoC	-	-
Image Sensor	1/3" Progressive Scan CMOS Sensor	1/3" Progressive Scan CMOS Sensor	-	-
Lens	3-10mm Motorized Lens, F1.4, Advanced P-Iris	16mm Fixed Lens, F1.8, Advanced P-Iris	-	-
Resolution	3MP @ 30 fps, Full HD 1080P @ 60 fps	3MP @ 20 fps, Full HD 1080P @ 30 fps	-	-
IR Distance	25M (82ft) IR Distance, Smart IR+	25M (82ft) IR Distance, Smart IR+	70M (230ft) IR Distance	150M (492ft) IR Distance
Day/Night	Smart Filter: Removable IR-cut Filter	Smart Filter: Removable IR-cut Filter	Control by Digital I/O	Light sensor / Digital IO / remotely control by controller
WDR	true WDR(multiple shutters), 120db	Digital WDR	-	-
Field of View	127.2°~36° (D)/95.6°~28.8° (H)/68.8°~21.6° (V)	100.2° (D) / 77° (H) / 54° (V) 21° (D) / 16.4° (H) / 12.5° (V)	-	-
Vehicle Speed	up to 100 km/h (62 m/h)	up to 50 km/h (31 m/h)	-	-
Shutter Speed	1/7 - 1/20000 sec.	1/7 - 1/20000 sec.	-	-
Capture Range	5-10 meters / 16-32 ft	15 meters / 49 ft	-	-
Power Source	PoE	PoE	PoE IEEE 802.3af	AC110-220V/DC12V/AC24V
Operating Temperature	-40°C to 60°C (-40°F to 140°F)	-20°C to 60°C (-4°F to 140°F)	-30°C ~ 50°C(-22°F~122°F)	-40°C ~ 50°C(-40°~122° F)
Protection	IP67, IK10	IP67, IK10	IP66	IP66



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