





# Exmor™ high-sensitivity image sensor

The DrivePro 550 uses a Exmor™ sensor to capture high-resolution images with superb, rich color even in low light. Its built-in Wide Dynamic Range (WDR) technology balances the light and dark areas of captured images, ensuring that every critical shot is as clear as possible.



#### Infrared LEDs for night vision

The rear-lens camera has four infrared LEDs that will automatically turn on in dim light. This greatly improves recording quality, even in pitch-black darkness. Note: Footage recorded with infrared LEDs will be in grayscale.



#### Wi-Fi connectivity

The DrivePro 550 features Wi-Fi connectivity that, through the DrivePro App, allows real-time footage playback and download. This means ease of access to video evidence for reporting incidents to law enforcement and insurance companies without the need to remove the device's memory card.





#### Dashcams

## DrivePro<sup>™</sup> 550

#### **Features**

- · Dual-lens design
- Front lens features a Exmor™ image sensor
- Four infrared LEDs on the rear lens to improve recording quality
- Built-in Wi-Fi function for mobile live streaming
- Time-lapse video safeguards your vehicle continuously



## DrivePro Toolbox Software

The DrivePro Toolbox is developed for Transcend DrivePro series. Featured a user-friendly interface, the DrivePro Toolbox allows you to select and play videos recorded on your DrivePro Car Video Recorder without the need to install separate codecs.

## Specification

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Dimensions (Max.)	95.6 mm x 65.9 mm x 40.5 mm (3.76" x 2.59" x 1.59")
Weight (Max.)	107 g (3.77 oz)

#### Interface

USB Type	micro USB to car lighter adapter
Connection Interface	USB 2.0
Network Interface	Wi-Fi 802.11n

#### Hardware

Tidiavvaic	
Display	2.4" color TFT LCD
Viewing Angle for Lens	160° (diagonal)
Viewing Angle for Rear Lens	110° (diagonal)
Aperture	F/2.2
Aperture (Rear)	F/2.8

## Operating Environment

Operating Temperature	-20°C (-4°F) ~ 65°C (149°F)
Storage Temperature	-25°C (-13°F) ~ 70°C (158°F)
Input Voltage	12V ~ 28V
Output Voltage	4.6~5.25V / 2A

### Format

Resolution	Full HD 1080P
Resolution (Rear)	HD 720P
Frame Rate	30 fps
Video Format	MP4 (H.264)

## Warranty

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Certificate	CE/FCC/BSMI/NCC/MIC/KC	
Warranty	Two-year Limited Warranty	

## **Ordering Information**

32GB	TS-DP550A-32V
64GB	TS-DP550A-64G

Product specifications are subject to change without notice. Pictures shown may differ from actual products. When used as a storage capacity unit, one terabyte (TB) = one trillion bytes. Total accessible capacity varies depending on operating environment.



## Dashcams Comparison







DrivePro™ 230



DrivePro™ 110

Connection Interface         micro USB to car lighter adapter         DED Color Co				
95.6 mm x 65.9 mm x 40.5 mm   70.2 mm x 63.1 mm x 34.5 mm   (3.76" x 2.99" x 1.59")   (2.76" x 2.48" x 1.36")   (2.76" x 2.48" x 1.28")   (2.76" x 2.48" x 1.36")   (2.76" x 2.48" x 1.28")   (2.76" x 1.28" x 1.28")   (2.76"	Annearance			
(3.76" x 2.59" x 1.59")		95.6 mm x 65.9 mm x 40.5 mm	70 2 mm x 63 1 mm x 34 5 mm	70 2 mm x 63 1 mm x 32 5 mm
Note	Difficusions (Max.)			
Interface	Weight (May )			
Connection Interface         micro USB to car lighter adapter         DED Color Co		107 g (3.77 02)	01 g (2.00 02)	7 1 g (2.30 02)
Network Interface         USB 2.0         USB 2.0         USB 2.0           Network Interface         Wi-Fi 802.11n         -           HardWare         -         -           Display         2.4" color TFT LCD         2.4" color TFT LCD         2.4" color TFT LCD           Viewing Angle for Lens         160" (diagonal)         130" (diagonal)         130" (diagonal)           Viewing Angle for Rear Lens         110" (diagonal)         -         -           Aperture         F/2.2         F/2.0         F/2.0           Aperture (Rear)         F/2.8         -         -           Aperture (Rear)         F/2.8         -         -           Almage Sensor         Exmor™         Exmor™         Exmor™           Infrared LEDs         V         -         -           GPS Coordinates         V         V         V           Dual Lens Camera         V         V         V           Bull*In Battery         V         V         V           V         V         V         V           Senapshot         V         V         V         V           Microphone         V         V         V         V           Resolution	Interface			
Network Interface Wi-Fi 802.11n Wi-Fi 802.11n Wi-Fi 802.11n Viewing Angle for Lens 160° (diagonal) 130° (diag	Connection Interface	micro USB to car lighter adapter	micro USB to car lighter adapter	micro USB to car lighter adapte
Hardware  Display  2.4" color TFT LCD  2.4" color TFT LCD  2.4" color TFT LCD  Viewing Angle for Lens  160° (diagonal)  130° (diagonal)  140° (Author)  1400	Network Interface	USB 2.0	USB 2.0	USB 2.0
Display   2.4" color TFT LCD   2.4" color TFT LCD   2.4" color TFT LCD	Network Interface	Wi-Fi 802.11n	Wi-Fi 802.11n	-
Mewing Angle for Lens   160° (diagonal)   130° (diagonal)   130	Hardware			
Viewing Angle for Rear Lens         110° (diagonal)         -         -           Aperture         F/2.2         F/2.0         F/2.0           Aperture (Rear)         F/2.8         -         -           Image Sensor         Exmor™         Exmor™         Exmor™           Infrared LEDS         V         -         -           GPS Coordinates         V         V         -           Dual Lens Camera         V         V         V           Built-in Battery         V         V         V           G-Sensor         V         V         V           Snapshot         V         V         V           Microphone         V         V         V           Speaker         V         V         V           VW-FI         V         V         V           WW-FI         V         V         V           Resolution         Full HD 1080P         Full HD 1080P         Full HD 1080P           Resolution (Rear)         HD 720P         -         -           Frame Rate         30 fps         30 fps         30 fps           Video Format         MP4 (H.264)         MOV (H.264)         MOV (H.264)      <	Display	2.4" color TFT LCD	2.4" color TFT LCD	2.4" color TFT LCD
Aperture	Viewing Angle for Lens	160° (diagonal)	130° (diagonal)	130° (diagonal)
Aperture (Rear) Aperture (Rea	Viewing Angle for Rear Lens	110° (diagonal)	-	-
Image Sensor         Exmor™         Exmor™         Exmor™           Infrared LEDS         V         -         -           GPS Coordinates         V         V         -           Dual Lens Camera         V         -         -           Built-in Battery         V         V         V           G-Sensor         V         V         V           Snapshot         V         V         V           Microphone         V         V         V           Speaker         V         V         V           VWI-Fi         V         V         V           Format         Full HD 1080P         Full HD 1080P         Full HD 1080P           Resolution (Rear)         HD 720P         -         -           Frame Rate         30 fps         30 fps         30 fps           Video Format         MP4 (H.264)         MOV (H.264)         MOV (H.264)           Technology         Lane Departure Warning System         V         V         -           Forward Collision Warning System         V         V         -           Head-up display         V         -         -           Headlight reminder         V         V	Aperture	F/2.2	F/2.0	F/2.0
Infrared LEDs	Aperture (Rear)	F/2.8	-	-
September   Sept	Image Sensor	Exmor™	Exmor™	Exmor™
Dual Lens Camera   V	Infrared LEDs	V	-	-
Securities   Sec	GPS Coordinates	V	V	-
G-Sensor V V V V Snapshot V V V V Microphone V V V V Speaker V V V V Wi-Fi V V V  Format Resolution Full HD 1080P Full HD 1080P Full HD 1080P Resolution (Rear) HD 720P  Frame Rate 30 fps 30 fps 30 fps Video Format MP4 (H.264) MOV (H.264) MOV (H.264)  Technology Lane Departure Warning System V V V  Forward Collision Warning System V V V  Head-up display V  Head-up display V V V Driver fatigue alert V V V	Dual Lens Camera	V	-	-
V	Built-in Battery	V	V	V
Microphone V V V V Speaker V V V V Wi-Fi V V  Format Resolution Full HD 1080P Full HD 1080P Full HD 1080P Resolution (Rear) HD 720P Frame Rate 30 fps 30 fps 30 fps Video Format MP4 (H.264) MOV (H.264) MOV (H.264)  Technology Lane Departure Warning System V V V - Forward Collision Warning System V V V - Head-up display V V V V Driver fatigue alert V V V	G-Sensor	V	V	V
V	Snapshot	V	V	V
V	Microphone	V	V	V
Format  Resolution Full HD 1080P Full HD 1080P Full HD 1080P Full HD 1080P  Resolution (Rear) HD 720P	Speaker	V	V	V
Resolution Full HD 1080P Full HD 1080P Full HD 1080P Full HD 1080P  Resolution (Rear) HD 720P	Wi-Fi	V	V	-
Resolution (Rear)  HD 720P	Format			
Frame Rate 30 fps 30 fps 30 fps Video Format MP4 (H.264) MOV (H.264) MOV (H.264)  Technology Lane Departure Warning System V V - Forward Collision Warning System V V - Head-up display V - Driver fatigue alert V V V	Resolution	Full HD 1080P	Full HD 1080P	Full HD 1080P
Video Format MP4 (H.264) MOV (H.264) MOV (H.264)  Technology  Lane Departure Warning System V V  Forward Collision Warning System V V  Head-up display V  Tedulight reminder V V V V V  Driver fatigue alert V V V V	Resolution (Rear)	HD 720P	-	-
Technology  Lane Departure Warning System V V -  Forward Collision Warning System V V -  Head-up display V -  Headlight reminder V V V V  Driver fatigue alert V V V	Frame Rate	30 fps	30 fps	30 fps
Lane Departure Warning System V V - Forward Collision Warning System V V - Head-up display V - Headlight reminder V V V V Driver fatigue alert V V V	Video Format	MP4 (H.264)	MOV (H.264)	MOV (H.264)
Lane Departure Warning System V V - Forward Collision Warning System V V - Head-up display V - Headlight reminder V V V V Driver fatigue alert V V V	Technology			
Head-up display V Headlight reminder V V V V Driver fatigue alert V V V	Lane Departure Warning System	V	V	-
Head-up display V Headlight reminder V V V V Driver fatigue alert V V V	Forward Collision Warning System	V	V	-
Driver fatigue alert V V V	Head-up display	V	-	-
Driver fatigue alert V V V	Headlight reminder	V	V	V
	Driver fatigue alert	V	V	V
	Emergency recording	V	V	V

Note: EXMOR is a trademark of Sony Corporation.