

# THINKWARE DASH CAM™ U1000



**UHD & QHD**  
**4K & 2K**  
4K UHD Front  
2K QHD Rear

**Energy Saving Mode 2.0**

## Key Features



**4K Ultra HD**  
Capture the sharpest most detailed images on the road with Ultra HD 4K.  
\*Also support 2K@60fps



**Energy Saving Mode 2.0**  
- Stay up to 24 days (576 hours)  
\*Based on 4,500mAH battery, Radar Off  
- UHF Radar Motion Detection  
\*Optional radar module required



**Road Safety Warning System**  
- Lane Departure Warning  
- Forward Collision Warning  
- Urban Forward Collision Warning  
- Front Vehicle Departure Warning



**Super Night Vision 2.0**  
Optimized night vision technology allows to capture images in low-light conditions both continuous & parking recording.



**Safety Camera Alert**  
- Red Light Camera  
- Speed Camera  
- Mobile Speed Camera Zone  
- Average Speed



**Built-in Wi-Fi & Personal Hotspot**  
Connect dash cam with Android or iOS devices. Easy access to view and download videos.

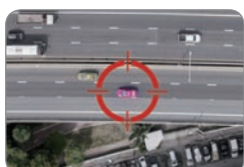
## THINKWARE CLOUD



**Live View (Driving/Parking Mode)**  
Watch what is happening in real-time. Monitor your vehicle with your smartphone, no matter where you are.



**Geo Fencing**  
Create up to 20 geographic zones and receive notifications when vehicle(s) are arriving and/or departing the pre-selected zones

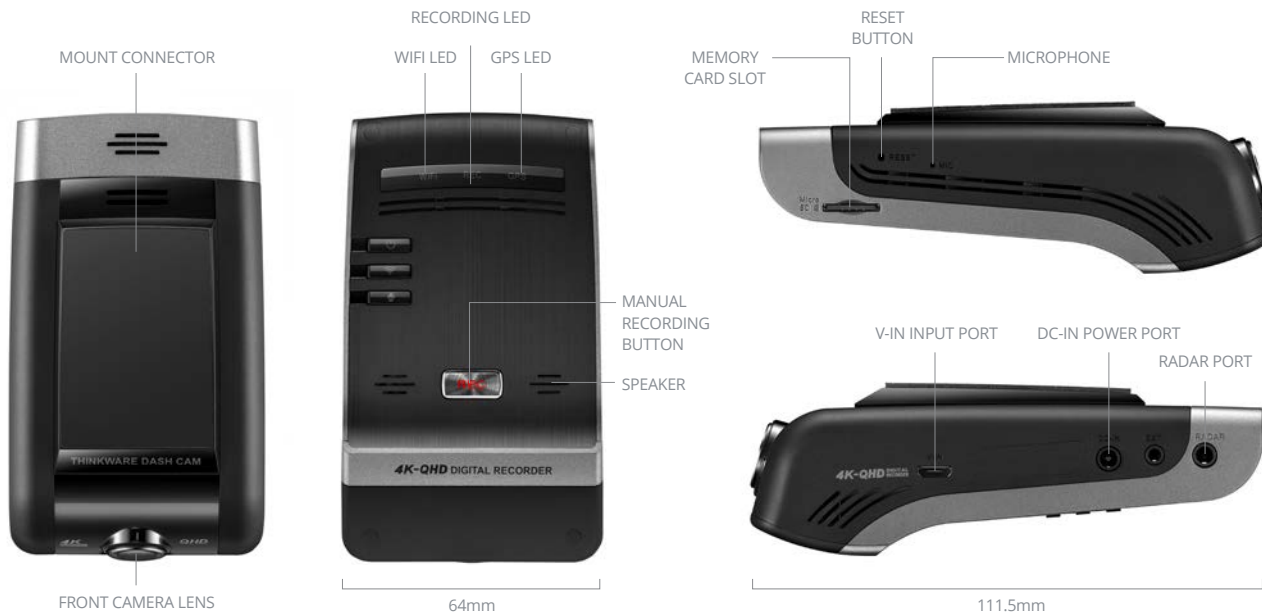


**Locate Vehicle**  
Stay up-to-date on the location, speed, and direction of travel of your vehicle(s) on a Google Maps display



**Driving/Parking Impact Notification**  
Be notified and remotely check 20 seconds of incident video file via cloud when the car gets a deep impact while driving or during parking mode

# Specification Detail



## Technical Specification

- Resolution :**  
 Front: 4K (3840 x 2160) / 2K (2560 x 1440)  
 Rear: 2K (2560 x 1440)
- Camera(Image Sensor) :**  
 Front: 8.42MP Sony CMOS IMX334, Exmor R, STARVIS  
 Rear: 5.14MP Sony CMOS IMX335, Exmor R, STARVIS
- Frame Rate :**  
 Front: 4K@30fps / 2K@60fps  
 Rear: 2K@30fps
- Dimensions (WxDxH) :**  
 64 x 111.5 x 32 mm (2.5x4.4x1.2 inch)
- Weight :** 112g (0.25lb)
- GPS :** Built-in A-GPS
- Storage Temperature :**  
 -20° to 70°C (-4° to 158°F)
- Operating Temperature :**  
 -10° to 60°C (-14° to 140°F)
- Capacity :** Micro SD card  
 32GB, 64GB, 128GB (UHS-1)
- Interface :**  
 AV-in, DC-in, Micro SD Slot
- Input Power :** DC 12/24V  
 Built-in Super Capacitor
- Viewing Angle (Diagonal) :**  
 Front: 150°  
 Rear: 156°

## Recording Time

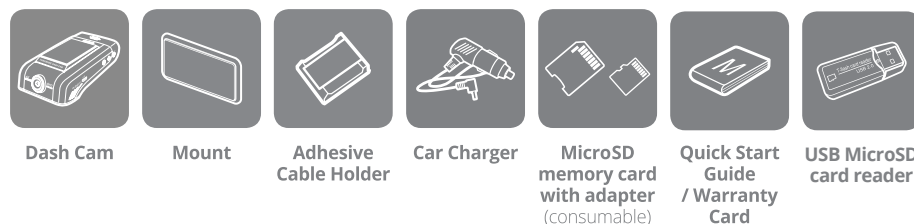
Video Quality	1CH (Cont.)		2CH (Cont.)	
	4K@30fps	2K@60fps	4K@30fps + 2K@30fps	2K@60fps + 2K@30fps
Capacity	32GB	99 min	65 min	
	64GB	200 min	132 min	
	128GB	402 min	265 min	

## Energy Saving Mode 2.0

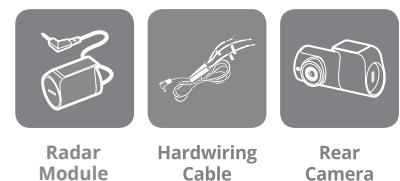
Standby Time	1CH			2CH		
	mA	Hours	Days	mA	Hours	Days
Radar OFF	8.0	562.5	23.4	7.8	576.9	24.0
Radar ON	45.2	99.6	4.1	45.2	99.6	4.1

\*Based on 4,500mAH battery  
 \* Variables: Temperature, efficiency of the battery by usage time, and change in current after a detection  
 \* Radar module is optional accessory. Separate purchase required.

## What's in the Box



## Optional Accessories



**THINKWARE DASH CAM™**