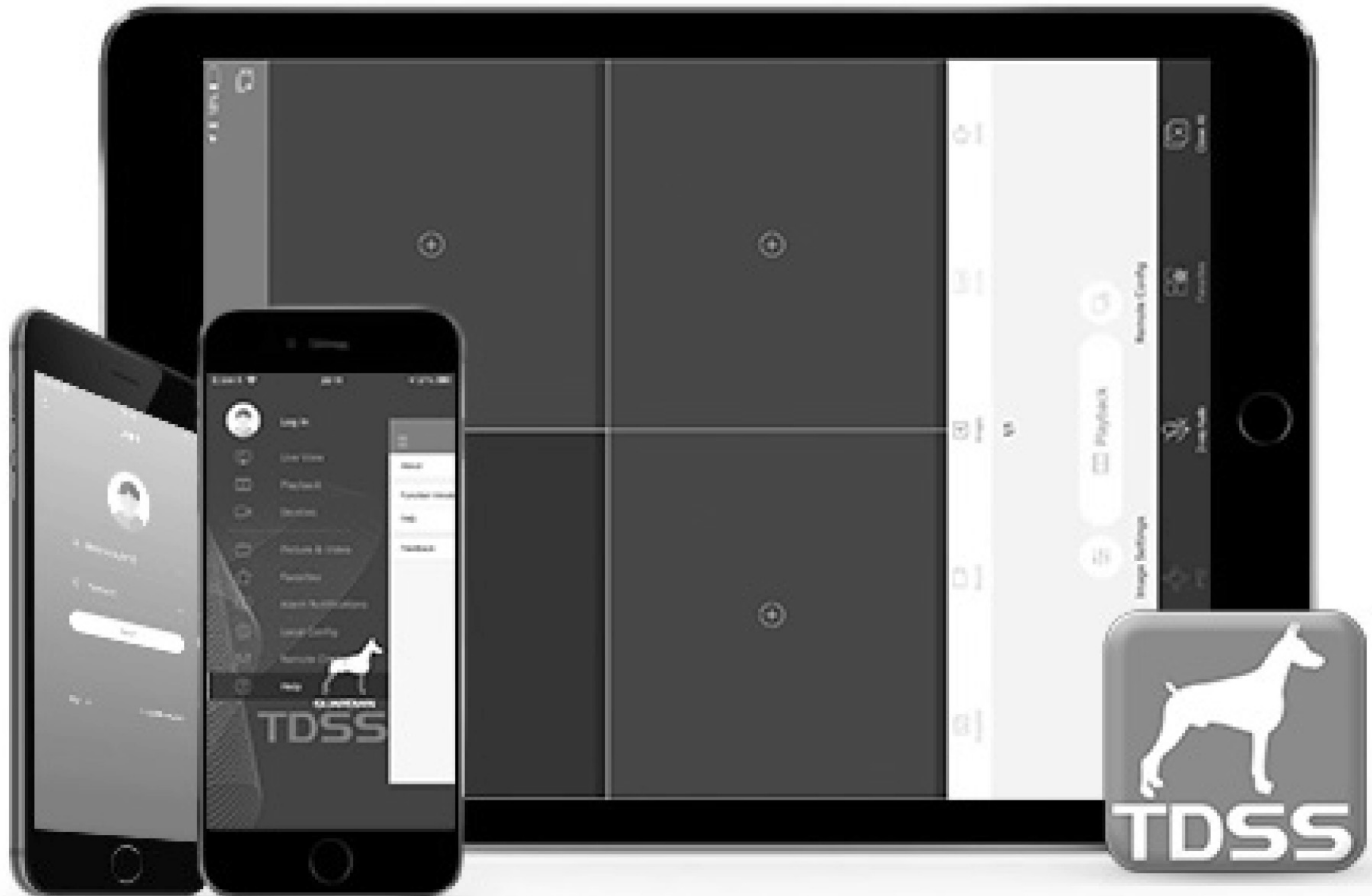


TDSS Guardian Mobile Surveillance App



Overview

TDSS Guardian is a mobile surveillance app for large and medium surveillance scenarios. You can use this app to connect to TOUGHDOG and TDSS devices through network and view live or recorded video, control PTZ cameras, receive alarm notifications, manage devices, and have two-way audio on a mobile device.

Features

- Live video anytime, anywhere: User can view live and recorded video, manage devices on the mobile phone.
- Remote control: User can manage cloud devices by using a cloud account, and have two-way audio, PTZ control on their mobile phone.
- Security: Offers encryption for data transmission, pin/pattern password protection, and allows a device to bind to only one cloud account.
- Alarm notification: User can receive alarm notifications on their mobile phone and view live video, alarm video and snapshots.
- Remote configuration: User can configure devices on their mobile phone, including time, illumination, motion detection, human body

detection, automatic tracking, and recording schedule.

- Device sharing: User can share devices with others.
- Stability: P2P networking technology, elastic and scalable architecture, ensuring highly reliable connectivity.
- Easy to use: Supports quick device adding by QR code scanning, allows user to toggle between live view and playback, offers efficient linkage between alarm and live view/playback.
- Device maintenance: User can upgrade devices by cloud, export diagnostic information, test network speed.

Specifications

Function	Description
Device Management	
Device management	Max. 5,000 devices or 10,000 channels.
	Supports IPC, NVR, face recognition terminal, VMS.
	Demo devices are provided for trial.
	Multiple options to add a device: QR code scanning, manual adding (P2P, IP/Domain), or automatic device discovery (LAN). Supports Wi-Fi devices.
	Allows user to add devices without sign-up for a cloud account.
	Allows user to edit and delete devices.
	Automatically syncs cloud devices when user logs in to the cloud account.
	Supports device sharing.
	Allows user to upgrade devices/channels by cloud, export diagnostic information, and test network speed.
One tap to open live video.	
Live View	
Play control	1/4/6/9/12/16 image display.
	Multi-screen display.
	Multiple image quality options: HD/SD/Smooth (main/sub/third stream).
	Corridor mode.
	Digital zoom.
	Fisheye dewarping.
	User can close/resume multiple videos at a time.
	One tap to start playback in the selected window.
	Snapshots and videos can be saved to the mobile phone and can be viewed by one tap of the button.
PTZ control	PTZ control by gestures.
	Focus, zoom, and PTZ presets.
	Note: Actual functionality may vary depending on device capability.
Two-way audio	Two-way audio with NVR and IPC (including local device and cloud device).

	<p>IPC includes the NVR-connected IPC and the VMS-connected IPC. Actual functionality may vary depending on device capability.</p> <p>Tap and hold to select a two-way audio device.</p>
Recording & Playback	
Recording search	Supports recording search by time, allows user to adjust the video start time.
	User can switch image quality.
	User can drag the timeline to search video, and pinch on the timeline to zoom in or out.
	One tap to start live video of the selected window.
Playback	Up to 4-ch playback.
	Allows user to narrow down the search and quickly find the interesting content by splitting a video into 4 or 9 segments.
	Supports smart playback.
	Can play recordings saved on an SD card.
	Supports digital zoom.
	Snapshots and videos can be saved to the mobile phone and can be viewed by one tap of the button.
	1/4x, 1/2x, 1x, 2x, 4x playback speeds. Note: IPCs that are directly added to the app only support 1x, 2x, 4x.
User can close/resume multiple videos at a time.	
Alarm Notifications	
Alarm list	Allows user to view alarm related live video, recorded video and images. Note: This functionality is not applicable to certain alarm types.
	Supports pushing alarms of cloud devices in real time.
	Supports multiple types of service alarms and device alarms.
	Alarms can be filtered by device, alarm type, alarm time.
	Allows user to share, delete, and acknowledge alarms.
Notification toggle	User can set the mobile phone to receive or not receive alarms from a specified device.
Advanced settings	User can configure channels, time, and alarm types.
	Syncs configurations on the cloud.
Remote Configuration	
Remote configuration	User can configure time, image, OSD and illumination on the mobile phone.
	User can configure motion detection, human body detection, alarm sound, automatic tracking, and PTZ rectification on the mobile phone.
	User can configure recording schedules and SD card on the mobile phone.
	Note: Actual functionality may vary depending on device capability.
Favorites	
Favorites	User can save cameras, screen layout and windows to Favorites during live view.
	Allows user to add, edit, delete Favorites.
	User can start live video by one tap of the button.
Picture & Video	
File list	Files can be sorted by time and type.

	Allows user to delete files.
	Allows user to export files to the mobile phone.
	Allows user to share files through third-party apps.
View files	User can view local videos and pictures.
Cloud Account Management	
Signup/login	Supports signup with mobile phone number or email address.
	User can choose a region for optimal experience. Note: Region cannot be changed once registration is completed.
	Allows user to log in with a mobile phone number or an email address.
	Remembers the accounts that user has successfully logged in to.
Management	Allows user to change the password and personal information.
	Allows user to change the mobile phone number or email address used for signup.
	Allows user to cancel accounts.
Sharing	
Device sharing	User can share devices with others based on functions or roles.
	User can set a period for the sharing.
	User can view the history of sharing.
	User can generate a QR code and use it to share a device based on roles.
	User can view the generated QR codes.
Configuration	
Snapshot	1x, 3x, 5x snapshot modes.
PTZ rotation speed	1-9 speed levels (slow to fast). Default: 6.
Alarm & playback time zone configuration	Can display alarm and playback as per the time zone of the device or the mobile phone.
Temperature unit	Allows user to choose Celsius(°C) or Fahrenheit (°F) as the unit for abnormal body temperature alarm.
Password protection	PIN or pattern.
Do Not Disturb	When enabled, the mobile phone does not make vibration or audio alert when new alarms arrive.
Auto pause video	Automatically pauses video if there's no user action within a certain length of time.
Auto discover new devices	Automatically discovers new devices on the LAN.
Auto check device version for cloud upgrade	Automatically checks the latest version for IPC, NVR and NVR channels.
Device Wi-Fi configuration	Supports quick configuration to connect the device to Wi-Fi.
Temporary password of device	Can generate a temporary password for the cloud device in case user forgot the device password.
Data usage	Cellular/Wi-Fi data usage statistics.
Others	
Software upgrade	Supports automatic check for update.
Cloud announcement	Supports Cloud notices.
Help	Tutorial video.



	Introduction to features.
	FAQ.
	Links to device documentation.
	Email addresses for customer service.
	User feedback.
Languages	Supports multiple languages.
Installation Environment	
Operating system	Supports iOS (10.0 or later) and Android (7.0 or later).
Compatibility	Compatible with iOS and Android phones.