

How to setup a demo/test environment with Soliton ZAO App and Milestone

ZAO App by Soliton Systems is a mobile live streaming app for Android and iPhone for easy, reliable and secure live streaming. ZAO App uses the latest H.265 codec and RASCOW technology for high quality live streaming with minimum delay!

In order to integrate live video from field to Milestone VMS, we suggest using our 1 ch. Receiver software: HD View Single. The benefits of using ZAO App and HD View Single:

- Easy and intuitive to use
- Live video transmission with 5G /4G LTE / 3G / Wi-Fi networks
- Full HD live streaming at 2Mbps with H.265 encoding
- Point-to-Point live streaming with minimum delay
- Two-Way audio communication
- Secured transmission with AES 256-bit encryption and authentication
- Error correction, packet sort and automatic streaming controls with RASCOW
- RTSP, RTMP and NDI output options from receiver software

What you need to prepare:

1. A smartphone (for iOS: iPhone 8 or higher, for Android: Samsung Galaxy S8 or higher)
2. A laptop or workstation with Windows 10 (64-bit) OS, 8 GB Ram and i7 CPU.

What else you need to know:

- i. RASCOW uses specific ports. You need to open UDP 31114-31118 ports for the local IP of your receiver PC in your router.
- ii. The connection between ZAO App and HD View Single is point to point, therefore, you need to input the global / public IP of your receiver PC to your app and select H.265 as the codec on the app menu.
- iii. Please select “Passthrough” from the video stream part of the HD View Single settings before you start streaming from ZAO App. This will enable RTSP / ONVIF connection.
- iv. Please open TCP 20011 port for RTSP and TCP 40010 port for ONVIF.
- v. For ONVIF connection, please input the port and local IP address of the PC which HD View Single is installed onto Xprotect “Add Hardware” menu and select manual. If Xprotect can’t recognize the video from ONVIF automatically, try adding with direct RTSP link (rtsp://(IP address of the HD View PC):20011/stc)

Please connect Soliton team for HD View Single download link, the license to install it and the license for Smart-Telecaster ZAO App (available on App Store and Google Play) at stc-support@solitonsys.com

Our receiver software: HD View Single has amazing features. To explore more about it, please check out the [user manual](#).

Please contact us if you wish to receive further information about the world's smallest H.265 mobile bonding encoder: [Smart-Telecaster ZAO-S](#)

Enjoy your live streaming with our ZAO App!