Using Distinctive Ringtone on Yealink SIP-T2XP Phones

summary

When receiving a call,Distinctive Ringtone is an advanced feature that enables the phone to play a specific ringtone that is defined in the SIP Invite message.The ringtone can be an internal ringtone stored in the phone flash or an external ringtone which you can download via a URL that is defined in the SIP Invite message.Since the SIP message is controlled by the server,the feature needs the server support.

How it works

The client-side configuration must be done via web management "Phone -> Ring",like below:

An Internal Ringer Text relates to an Internal Ringer File.As for the above settings you can see, "Family" relates to Ring1.wav. "Colleagues" relates to Ring2.wav. "Friends" relates to Ring3.wav.It is used for the SIP message to define a specific ringtone by bringing the Internal Ringer Text which you can specify by yourself like Family,Colleagues,Friends and so on.
For the server-side configuration,please turn to your server provider for help since it always differs for different servers.In a SIP Invite message,the header **Alert-Info** takes charge of defining the ringtone.The format is like:

    Alert-Info: <URL>;info= info text

As a response to the Alert-Info,the phone will first try to download the WAV formatted ringtone from the URL.If fails,it will turn to the info text to find the related internal ringtone.If no info is brought,the default ringtone will be played.Take the following Alert-Info for example:

    Alert-Info: <http://192.168.0.231/Vin/MyRing1.wav>;info=Friends

If the phone configuration is just as the above picture shows,then when reciving a call with the above Alert-Info,the phone will first try to download and play the ringtone on the server

http://192.168.0.231/Vin/MyRing1.wav. If it fails,it will play the ringtone related to "Friends",it will be the internal ringtone Ring3.wav.