

SIP NAT

SIP , SIP , SIP . SIP- , IP NAT.

NAT?

, NAT?

wiki , - **NAT** (Network Address Translation) — , (, - ,) , , , 1 (-) IP , , () IP . , NAT - . , ...

NAT

, NAT . SIP 1 , , IP-, , «» : , NAT - , NAT (NAT) SIP .

NAT SIP-

UDP , SIP- IP-, . Via SIP . NAT – , IP , , NAT- NAT , , SIP :

SIP , , , Via. **rport-** Via. NAT . . , NAT . , SIP- , , . , 30-40 . , SIP re-INVITE, OPTIONS, INFO, NOTIFY . :

NAT

NAT , IP- , SDP-, , NAT. , , SIP, .

SIP

SIP (Yealink).

RPort

rport:

Keep Alive

30 Keep Alive. : re-INVITE, OPTIONS, INFO, NOTIFY

SIP

, SIP :

TCP/TLS

TCP TLS UDP. NAT. TLS, , webitel **5071**, UDP/TCP 5070

SIP QoS . – VLAN IP .