

QoS Settings

Our telephony devices and appliances, also the SIP Server use this TOS flags to prioritize SIP packages.

Description	TOS (Dec)	TOS (Hex)	TOS (Bin)	TOS Precedence (Bin)	TOS Precedence (Dec)	TOS Precedence Name	TOS Delay flag	TOS Throughput flag	TOS Reliability flag	DSCP (Bin)	DSCP (Hex)	DSCP (Dec)	DSCP /PHB Class
Signaling (SIP)	96	0x60	01100000	011	3	Flash	0	0	0	011000	0x18	24	cs3
Audio (RTP)	184	0xB8	10111000	101	5	Critical	1	1	0	101110	0x2E	46	ef
Video (RTP) *	144	0x90	10010000	100	4	FlashOverride	1	0	0	100100	0x24	36	af42



* Cause many devices just can set one RTP value, it is recommended to set "96" for signaling and "184" for Audio & Video RTP transmission. This is also the settings we use on our systems.

Grandstream devices

Description	Value	
Layer 3 QoS for SIP	24	DSCP (Dec)
Layer 3 QoS for RTP	46	DSCP (Dec)

VBOX/SBOX

Description	Value	
SIP	96	TOS (Dec)
RTP/Audio	184	TOS (Dec)
RTP/Video	184	TOS (Dec)