

IAX2 trunked (vs) IAX2 (vs) RTP (vs) cRTP

Estimated in some cases

	sample /sec	50	20	ms						
headers	octets	bits			protocol	octets	bits	kbps		
IPV4	12	96			lpc10	320	2560	2.5		
UDP	8	64			g.723.1	768	6144	6		
	20	160			g.729a	1024	8192	8		
	octets	bits	+ip/udp		iLBC	1152	9216	9		
iax2	4	32	192		GSM	1664	13312	13		
iax2 trunked	10	80	240		g.726	4096	32768	32		
cRTP	2	16	176		g.711	8192	65536	64		
RTP	8	64	224							

Channels	1	2	4	8	16	32	64	128	256	512
Protocols										
IAX2 no payload	9	19	38	75	150	300	600	1,200	2,400	4,800
lpc10	12	24	48	95	190	380	760	1,520	3,040	6,080
g.723.1	15	31	62	123	246	492	984	1,968	3,936	7,872
g.729a	17	35	70	139	278	556	1,112	2,224	4,448	8,896
iLBC	18	37	74	147	294	588	1,176	2,352	4,704	9,408
GSM	22	45	90	179	358	716	1,432	2,864	5,728	11,456
g.726	41	83	166	331	662	1,324	2,648	5,296	10,592	21,184
g.711	73	147	294	587	1,174	2,348	4,696	9,392	18,784	37,568
IAX2(t) no payload	12	16	20	28	44	76	140	268	524	1,036
lpc10	14	21	30	48	84	156	300	588	1,164	2,316
g.723.1	18	28	44	76	140	268	524	1,036	2,060	4,108
g.729a	20	32	52	92	172	332	652	1,292	2,572	5,132
iLBC	21	34	56	100	188	364	716	1,420	2,828	5,644
GSM	25	42	72	132	252	492	972	1,932	3,852	7,692
g.726	44	80	148	284	556	1,100	2,188	4,364	8,716	17,420
g.711	76	144	276	540	1,068	2,124	4,236	8,460	16,908	33,804
cRTP no payload	9	17	34	69	138	275	550	1,100	2,200	4,400
lpc10	11	22	44	89	178	355	710	1,420	2,840	5,680
g.723.1	15	29	58	117	234	467	934	1,868	3,736	7,472
g.729a	17	33	66	133	266	531	1,062	2,124	4,248	8,496
iLBC	18	35	70	141	282	563	1,126	2,252	4,504	9,008
GSM	22	43	86	173	346	691	1,382	2,764	5,528	11,056
g.726	41	81	162	325	650	1,299	2,598	5,196	10,392	20,784
g.711	73	145	290	581	1,162	2,323	4,646	9,292	18,584	37,168
RTP no payload	11	22	44	88	175	350	700	1,400	2,800	5,600
lpc10	13	27	54	108	215	430	860	1,720	3,440	6,880
g.723.1	17	34	68	136	271	542	1,084	2,168	4,336	8,672
g.729a	19	38	76	152	303	606	1,212	2,424	4,848	9,696
iLBC	20	40	80	160	319	638	1,276	2,552	5,104	10,208
GSM	24	48	96	192	383	766	1,532	3,064	6,128	12,256
g.726	43	86	172	344	687	1,374	2,748	5,496	10,992	21,984
g.711	75	150	300	600	1,199	2,398	4,796	9,592	19,184	38,368