

SS-ASR-S Audio Surveillance Recorder Modules



Model S1



Model S3

**Recording Quality and Duration
(Mono recording)**

Model S1 - 128MBytes (1120)

Sample Rate	Compression			
	Modified 2-bit-ADPCM	Modified 4-bit ADPCM	Logarithmic 8-bit μ Law	Uncompressed
22 kHz	6 hrs 40 mins	3 hrs 20 mins	1 hr 40 mins	1 hr 21 mins
16 kHz	9 hrs 20 mins	4 hrs 40 mins	2 hrs 20 mins	1 hr 52 mins
11 kHz	13 hrs 20 mins	6 hrs 40 mins	3 hrs 20 mins	2 hrs 42 mins
8 kHz	18 hrs 40 mins	9 hrs 20 mins	4 hrs 40 mins	3 hrs 44 mins
5.5 kHz	26 hrs 40 mins	13 hrs 20 mins	6 hrs 40 mins	5 hrs 29 mins

Model S1 – 256MBytes (2240)

Sample Rate	Compression			
	Modified 2-bit-ADPCM	Modified 4-bit ADPCM	Logarithmic 8-bit μ Law	Uncompressed
22 kHz	13 hrs 20 mins	6 hrs 40 mins	3 hrs 20 mins	2 hrs 42 mins
16 kHz	18 hrs 40 mins	9 hrs 20 mins	4 hrs 40 mins	3 hrs 44 mins
11 kHz	26 hrs 40 mins	13 hrs 20 mins	6 hrs 40 mins	5 hrs 24 mins
8 kHz	37 hrs 20 mins	18 hrs 40 mins	9 hrs 20 mins	7 hrs 28 mins
5.5 kHz	53 hrs 20 mins	26 hrs 40 mins	13 hrs 20 mins	10 hrs 58 mins

Model S1 – 512MBytes (4480)

Sample Rate	Compression			
	Modified 2-bit-ADPCM	Modified 4-bit ADPCM	Logarithmic 8-bit μ Law	Uncompressed
22 kHz	26 hrs 40 mins	13 hrs 20 mins	6 hrs 40 mins	5 hrs 24 mins
16 kHz	37 hrs 20 mins	18 hrs 40 mins	9 hrs 20 mins	7 hrs 28 mins
11 kHz	53 hrs 20 mins	26 hrs 40 mins	13 hrs 20 mins	10 hrs 49 mins
8 kHz	74 hrs 40 mins	37 hrs 20 mins	18 hrs 40 mins	14 hrs 56 mins
5.5 kHz	106 hrs 40 mins	53 hrs 20 mins	26 hrs 40 mins	21 hrs 57 mins

SS-ASR-S Audio Surveillance Recorder Modules

Model S1 – 1024MBytes (8960)

Sample Rate	Compression			
	Modified 2-bit-ADPCM	Modified 4-bit ADPCM	Logarithmic 8-bit μ Law	Uncompressed
22 kHz	53 hrs 20 mins	26 hrs 40 mins	13 hrs 20 mins	10 hrs 49 mins
16 kHz	74 hrs 40 mins	37 hrs 20 mins	18 hrs 40 mins	14 hrs 56 mins
11 kHz	106 hrs 40 mins	53 hrs 20 mins	26 hrs 40 mins	21 hrs 38 mins
8 kHz	149 hrs 20 mins	74 hrs 40 mins	37 hrs 20 mins	29 hrs 52 mins
5.5 kHz	213 hrs 20 mins	106 hrs 40 mins	53 hrs 20 mins	43 hrs 55 mins

Model S1 – 2048MBytes (17920)

Sample Rate	Compression			
	Modified 2-bit-ADPCM	Modified 4-bit ADPCM	Logarithmic 8-bit μ Law	Uncompressed
22 kHz	106 hrs 40 mins	53 hrs 20 mins	26 hrs 40 mins	21 hrs 38 mins
16 kHz	149 hrs 20 mins	74 hrs 40 mins	37 hrs 20 mins	29 hrs 52 mins
11 kHz	213 hrs 20 mins	106 hrs 40 mins	53 hrs 20 mins	43 hrs 17 mins
8 kHz	298 hrs 40 mins	149 hrs 20 mins	74 hrs 40 mins	59 hrs 44 mins
5.5 kHz	426 hrs 40 mins	213 hrs 20 mins	106 hrs 40 mins	87 hrs 50 mins

Model S3 – 6144MBytes (53760)

Sample Rate	Compression			
	Modified 2-bit-ADPCM	Modified 4-bit ADPCM	Logarithmic 8-bit μ Law	Uncompressed
22 kHz	320 hrs	160 hrs	80 hrs	64 hrs 55 mins
16 kHz	448 hrs	224 hrs	112 hrs	89 hrs 36 mins
11 kHz	640 hrs	320 hrs	160 hrs	129 hrs 51 mins
8 kHz	896 hrs	448 hrs	224 hrs	179 hrs 12 mins
5.5 kHz	1280 hrs	640 hrs	320 hrs	263 hrs 31 mins

New! Model S3 – 12288MBytes (107520)

Sample Rate	Compression			
	Modified 2-bit-ADPCM	Modified 4-bit ADPCM	Logarithmic 8-bit μ Law	Uncompressed
22 kHz	640 hrs	320 hrs	160 hrs	129 hrs 50 mins
16 kHz	896 hrs	448 hrs	224 hrs	179 hrs 12 mins
11 kHz	1280 hrs	640 hrs	320 hrs	259 hrs 42 mins
8 kHz	1792 hrs	896 hrs	448 hrs	358 hrs 24 mins
5.5 kHz	2560 hrs	1280 hrs	640 hrs	527 hrs 2 mins