

## Specifications

Video	Profile	H.264 high profile /Level 4.0 half-duplex CODEC (*1)
	Resolution	1920x1080x60i/50i, 1440x1080x60i/50i, 1280x720x60p/50p, 720x480x60i,720x576x50i
	Bit Rate	20 Mbit per sec. (max.)
	Interface	SMPTE274M/SMPTE296M-2001,ITU-R BT.656
Audio	Formats	MPEG-1 Audio Layer2, Linear PCM, MPEG2-AAC, Dolby Digital(AC-3)
	Channels	2ch
	Interface	LR serial
System	Format	MPEG2-TS CBR/VBR
	Stream Interface	8 bit parallel or serial
Host Interface		General purpose 16-bit interface
Input Clock Frequency		27 MHz
Operating Frequency		27MHz, 108MHz (internal memory interface 135MHz)
Power Consumption		750 milliwatt (typ. 1.2V, 1920x1080x60i at encoding (including memory)
Package		FBGA 650 pin, 15 sq. mm, SiP(0.5 mm pitch)
Memory		256 Mbit FCRAM x 2
Process Technology		90nm

\*1. CODEC: Hardware or software that can compress and decompress images or audio.