

Media Archive Systems

Media Formats

Video Tape

		Format	Developer	Year	Prevelence	Obsolete	Notes
2-Inch	1	Quadruplex	Ampex	1956	Common	Yes	First successful videotape format, used till 1980's
	2	Octaplex	RCA	1958	Rare	Yes	Developed for the military
	3	VR1500	Ampex	1963	Rare	Yes	First consumer VTR
	4	Helical SV201	Sony	1962	Rare	Yes	Industrial, educational and medical applications
	5	ACR25	Ampex	1970	Rare	Yes	Automated television commercials
	6	IVC1000	IVC	1973	Rare	Yes	Helical scan
1-Inch	7	TCR100	RCA	1969	Rare	Yes	Automated television commercials
	8	MCV-10	Machtronics	1962	Rare	Yes	First commercial 1-inch helical scan
	9	PI-3V	PI	1963	Rare	Yes	Two head helical scan
	10	EV-200	Sony	1964	Rare	Yes	First portable Sony recorder
	11	EL-3400	Philips	1965	Rare	Yes	Industrial, educational and medical applications
	12	IVC700	IVC	1967	Rare	Yes	TV stations and military
	13	UV340	Sony	1964	Rare	Yes	
	14	1-Inch A	Ampex	1965	Rare	Yes	Industrial and educational
	15	1-Inch B	Bosch	1976	Common	Yes	Popular in Europe, similar to C Format
	16	1-Inch C	Ampex/Sony	1976	Very Common	Yes	Popular Worldwide
	17	HDV-1000	Sony	1984	Rare	Yes	Japan High Definition
	¾-Inch	18	1" Analog HDTV	Toshiba	1985	Rare	Yes
19		HDD-1000	Sony	1988	Rare	Yes	First digital component
20		U-Matic	Sony/JVC	1970	Very Common	Yes	First affordable consumer, news
21		U-Matic SP	Sony	1986	Common	Yes	Better performance than U-Matic
22		D1	Sony	1987	Some	Yes	First true digital component VTR
½-Inch	23	D2	Ampex/Sony	1986	Common	Yes	Composite digital
	24	D6	Toshiba/BTS	1995	Rare	Yes	Digital with many audio channels
	25	DCT	Ampex	1992	Some	Yes	First VTR to use data compression
26	CV	Sony	1965	Rare	Yes	First affordable consumer VTR	

	27	VTR-600	Concord	1967	Rare	Yes	Open reel black & white
	28	1/2" EIAJ	Sony	1969	Rare	Yes	Low end industrial and educational
	29	EIAJ Cartridge	Panasonic	1971	Rare	Yes	AKA Omnivision
	30	1/2" VCR	Philips	1970	Rare	Yes	First consumer VTR
	31	AVCO	Cartivision	1972	Rare	Yes	
	32	V-Cord	Sanyo	1972	Rare	Yes	First slow motion / freeze frame
	33	VX	Panasonic	1975	Some	Yes	"Time machine"
	34	Betamax	Sony	1976	Common	Yes	First successful consumer format
	35	VHS	JVC	1976	Very Common	No	Most successful home video format
	36	VHS-C	JVC		Some	No	
	37	S-VHS	JVC		Very Common	No	High end consumer
	38	S-VHS-C	JVC		Some	No	
	39	ED Beta	Sony	1987	Some	Yes	Introduced as competition to VHS, AKA 1/2"-L
	40	M-Format	RCA/Panasonic	1982	Rare	Yes	AKA, Recam and Hawkeye
	41	MII	Panasonic	1885	Common	Yes	Competitor to Beta-SP
	42	Betacam-SP	Sony	1982	Very Common	Yes	Broadcast industry standard for many years
	43	D3	Panasonic	1991	Common	Yes	Panasonic answer to D2
	44	Digi-Beta	Sony	1993	Very Common	No	Digital successor to Beta-SP
	45	D5	Panasonic	1994	Common	No	Component non-compressed
	46	D5HD	Panasonic	1994	Common	No	Compressed HD version of D5
	47	Betacam-SX	Sony	1996	Common	No	ENG newsroom
	48	D9	JVC	1995	Common	No	Digital -S rivals more expensive Digi-Beta
	49	D9HD	JVC	2000	Some	No	AKA, S-100
	50	D-VHS	JVC	1997	Some	No	Consumer Digital
	51	W-VHS	JVC	1994	Rare	Yes	Analog HDTV
	52	D11	Sony	1997	Some	No	AKA, HDCAM
	53	MPEG IMX	Sony	2001	Common	No	MPEG
8mm	54	Video 8	EIAJ	1983	Rare	Yes	Kodak Camcorder
	55	HI8	Sony	1989	Common	Yes	Improved Video-8
	56	Digital-8	Sony	1999	Common	No	Records as DV
1/4-Inch	57	Bauer 1/4"	Bauer	1969	Rare	Yes	Bauer attempt to sell tape as well as film
	58	Akai 1/4"	Akai	1969	Rare	Yes	
	59	CVC	Funai	1984	Rare	Yes	Lightest weight of portable recorders at time

60	DV	EIAJ	1996	Common	Yes	AKA, MiniDV and DVC
61	DVCPRO	Panasonic	1995	Common	Yes	D7
62	DVCPRO 50	Panasonic	1998	Common	No	Improved DVC Pro
63	DVCAM	Sony	1996	Very Common	No	Sony answer to DVCPRO
64	DVCPRO HD	Panasonic	2000	Some	No	HD Version of DVCPRO

Film

	Format	Developer	Year	Prevelence	Obsolete	Notes	
65mm	65	Standard 65mm	Various	Common	No	70 mm Motion picture, 5 perf/frame , 24fps	
	66	Showscan		Rare	Yes	5 perf/frame, 60fps	
	67	IMAX		Rare	No	15perf/frame 24fps	
	68	Omnimax		Rare	No	Imax with fisheye lens	
	69	Cinema 180		Rare	No	Same as Standard 65mm, 180 degree lens	
	70	Dynavison		Rare	Yes	8 perf/frame, fisheye lens, 24 or 30 fps	
	71	Astrovision		Rare	Yes	Omnimax but no sound, perf next to edge	
35mm	72	Standard 35mm	Bell & Howell	Common	No	Motion picture, 4 perf/frame 24fps	
	73	Spherical		Some	Yes	Television	
	74	Super 35		Some	Yes	Television	
	75	Anamorphic		Some	No	Anamorphic Lens, wide screen	
16mm	76	Standard 16mm	Kodak	1923	Common	Television, News, movies	
	73	Super 16	Kodak		Rare	Widescreen	
9.5mm	74	Standard 9.5	Pathé	1925	Some	Yes	News, Amateur
8mm	75	Standard 8	Kodak	1932	Common	Yes	Used for many years as a consumer format
	76	Super 8	Kodak	1965	Common	Yes	Consumer
	77	Single 8	Fuji	1968	Rare	Yes	Consumer, Japan

Disc

	Format	Developer	Year	Prevelence	Obsolete	Notes
78	LaserDisc	MCA	1978	Some	Yes	consumer
79	CRV Disc	Sony	1984	Some	Yes	Professional, recordable, some cable broadcast
80	Selectavision	RCA	1981	Rare	Yes	Consumer, first letterbox widescreen
81	VHD Disc		1983	Rare	Yes	Consumer, Japan
82	CDV	Various	1983	Rare	Yes	Short life consumer

83	VCD	Various	1993	Some	Yes	MPEG1 movies
84	DVD	Various	1996	Very Common	No	Widespread consumer format
85	HD-DVD	Various	2006			
86	Blu-Ray	Various	2006			