

## Table of Formats and Aspect Ratios

Name	Originator	Year	Abandoned	Format	Aspect Ratio	Frame Area
		Introduced				
Kinetoscope	Edison/W. K. L. Dickson	1894	1896	4-35	1.33:1	1.000x0.750
Vitascope	C. F. Jenkins/T. Armat	1895	N/A	4-35	1.33:1	1.000x0.750
Ciné	Lumi&232re Brothers	1895	N/A	4-35	1.33:1	1.000x0.750
Eidoloscope	Woodville Latham & Sons	1895	1897	4-51	N/A	N/A
Demeny-Gaumont/Prestwich	Georges Demeny	1896	N/A	4-60	1.4:1	1.750x1.250
Viventscope	Blair	1897	N/A	1-48	1.5:1	1.500x1.000
Veriscope	Enoch Rector	1897	N/A	5-63	1.66:1	1.875x1.125
Biograph	American Biograph Co.	1897	N/A	0-68	1.35:1	2.625x1.938
		1900	N/A	4-35	N/A	N/A
Lumi� Wide Film	Lumi� Brothers	1900	N/A	8-75	N/A	N/A
Ciné (a.k.a. Cin�)	Raoul Grimoin-Sanson	1900	1900	10x4-70	360�	N/A
Path� KOK/Pathescope	Path�	1912	N/A	4-28	1.33:1	N/A
Panoramica	Filoteo Alberini	1914	N/A	5-70	2.52:1	N/A
		1924	N/A	10-35H	2.52:1	N/A
Widescope	J. D. Elms	1921	1925	2x4-35	N/A	N/A
Path� Baby	Path�	1923	-	1-9.5	1.33:1	N/A
16mm	Kodak	1923	-	1-16	1.34:1	0.380x0.284
Path� Rural	Path�	1926	N/A	1-17.5	1.33:1	N/A
Natural Vision	Radio-Keith-Orpheum	1926	1930	6-63.5	1.85:1	N/A
Magnascope	Paramount	1926	1953	4-35	N/A	N/A
Hypergonar	Henri Chr�	1927	1937	4-35A2.0	2.66:1	1.000x0.750
Polyvision	Abel Gance	1927	1927	3x4-35	N/A	N/A
Grandeur	20th Century Fox	1929	1931	4-70	2:1	N/A
Magnafilm	Paramount/L. de Riccio	N/A	1930	4-56	2:1	N/A
Realife	Metro-Goldwyn-Mayer	1930	1931	4-70	2:1	N/A
Vitascope	Warner Brothers	1930	1930	5-65	2:1	N/A
Academy	Academy of Motion Picture Arts & Sciences	1932	-	4-35	1.37:1	0.825x0.602
Double-8	Kodak	1932	-	1-8	1.36:1	0.182x0.134
Cinerama	Cinerama Inc./Fred Waller	1952	1972	3x6-35	2.72:1	3x0.985x1.088
CinemaScope	20th Century Fox	1953	1957	4-	2.55:1	0.912x0.715
				35A2.0	2.35:1	0.898x0.715
Glamorama	N/A	1953	1953	10-35H	N/A	N/A
VistaVision	Paramount	1954	1961	8-35H	1.5:1	1.485x0.991
Todd-AO	Michael Todd/American Optical	1955	-	5-70	2.2:1	2.072x0.906

	Co.					
Circarama	Walt Disney	1955	1961	9/11x 1-16	360°	N/A
CinemaScope-55	20th Century Fox	1956	1958	8- 55.62 5A2.0	2.35:1	1.430x1.824
				4- 35A2. 0	2.55:1	0.912x0.715
				4- 35A2. 0	2.35:1	0.839x0.715
Technirama	Technicolor	1956	1967	4- 35A2. 0	2.55:1	0.912x0.715
					2.35:1	0.839x0.715
Cinestage	N/A	1956	N/A	4- 35A1. 56	2.2:1	0.912x0.685
Kinopanorama	Russia	1957	-	3x6- 35	2.77:1	N/A
M-G-M Camera-65	Metro-Goldwyn-Mayer	1957	1966	5- 70A1. 25	2.76:1	2.072x0.906
				5- 65A1. 25	2.76:1	2.072x0.906
				4- 35A2. 0	2.55:1	0.912x0.715
				4- 35A2. 0	2.35:1	0.839x0.715
CineMiracle	Louis de Rochemont	1958	1961	3x6- 35	2.55:1	N/A
Smith & Carney 180°	Smith & Carney	1958	N/A	4-35	N/A	N/A
Circlorama	N/A	1958	1964	11x4- 35	360°	N/A
Super Technirama 70	Technicolor	1958	N/A	5-70	2.2:1	N/A
				4- 35A2. 0	2.35:1	0.839x0.715
Panavision	Panavision	1959	-	4- 35A2. 0	2.35:1	0.839x0.715
Super Panavision	Panavision	1959	N/A	5-70	2.2:1	N/A
				4- 35A2. 0	2.35:1	0.839x0.715
Wonderama Arc 120	Technicolor	1960	N/A	4-35	2.64:1	N/A
Cine-System 3	U.S.A.F.	1960	N/A	1-3	1.33:1	N/A

Techniscope	Technicolor	1963	N/A	4-35A2.0	2.35:1	0.839x0.715
Ultra Panavision	Panavision/M-G-M	1963	1968	5-70A1.25	2.7:1	N/A
				4-35A2.0	2.35:1	0.839x0.715
Dimension 150	Todd-AO/20th Century Fox	1963	1970	5-70	150°	N/A
				4-35A2.0	2.35:1	0.839x0.715
Super 8	Kodak	1965	-	1-8	1.36:1	0.215x0.158
Super 16	Kodak	1970	-	1-16	1.66:1	0.464x0.2806
					1.85:1	0.464x0.2516
Todd-AO 35	Todd-AO	1971	N/A	4-35A2.0	2.35:1	0.839x0.715
IMAX	IMAX Corporation	1970	-	15-70H	1.43:1	2.740x1.910
OMNIMAX	IMAX Corporation	1973	-	15-70H	Ovoid	2.740x1.980
Circlevision	Walt Disney	N/A	-	5x4-35	200°	N/A
Cinema 180	Omni Films	N/A	-	5-70	180°	N/A
Showscan	Douglas Trumbull	1984	-	5-70	N/A	N/A
Iwerks 870	Iwerks Entertainment	N/A	-	8-70	N/A	N/A
Ultra Toruscope	Torus Films	N/A	-	3x5-70	360°	N/A

Footnotes:

- N/A signifies that verified information for this category is not currently available.
- AR is an abbreviation for Aspect Ratio - the ratio of the width of the image to its height, expressed in the form x:1.
- A dash in the year abandoned column indicates the format is still in use.
- The frame area is expressed in inches.
- The film format is expressed using the following notation:  
n<sub>x</sub>p-mmAc.c Where n<sub>x</sub>, if present, is the number of film strips, e.g. 3x for Cinerama;  
p is the number of perforations in one film margin per frame (except centre perf.  
formats), e.g. 5 for Todd-AO;  
mm is the width of the film in millimetres, e.g. 55.625 for CinemaScope-55;  
Ac.c, if present, indicates that the image is anamorphically expanded from the film by  
expansion factor c.c, e.g. A2.0 for CinemaScope;  
and H, if present, denotes a horizontally-running format, e.g. 8-35H for VistaVision.
- Super 16 prints are rarely made. Dimensions given refer to extraction areas for blowing up to 35mm release prints.