

Davis Home Entertainment Projectors

Technical Specifications - 1 July 2000

Clofis Nederland bv

<http://www.clofis.com/>

Model	CineVision
Davis Part no.	
Display Technology	DLP TM (Digital Light Processing)
Display Type	Single-Chip DMD (Digital Micromirror Device)
Display Resolution	Native: SVGA (800x600), XGA (1024x768) compressed
Display No. of Pixels	480,000
Color Palette	16,7 million colors (8 bits per color)
Aspect Ratio	TV (4:3) or Widescreen (16:9) Accepts Anamorphic Video
Projection Lamp	120W UHP (Ultra High Pressure)
Lamp Life Time	4000 Hours Typical
Brightness	600 ANSI Lumens Typical
Contrast Ratio	250:1 (ANSI Checkerboard Typical) 500:1 (ANSI Full on/off Typical)
Computer Sources	PC and Mac
Computer Formats	SVGA, VGA and XGA (compressed)
Computer Input	VGA (HDD-15), RS-232 (HDD-9)
Video Sources	DVD, VHS, Laserdisc, Videogames, etc.
Video Formats	NTSC (M), PAL (B/D/G/H/I/M), SECAM
Video Input	Composite Video (RCA), S-Video (Mini-DIN-4)
Horizontal Scan Range	30 – 60 KHz (15KHz for video)
Vertical Refresh Rate	48 – 85 Hz
Built-in Line Doubler	Yes
Motion Estimation Technique	DMIP - Dynamic Motion Interpolation Processing
User Configurable Quick Meny	Yes
Audio Input	NA
Audio Output	NA
Audio Preamplifier/Amplifier	NA
Audio Equalizer	NA
Audio Loudspeaker	NA
Optical System	Carl Zeiss Optical Engine with new Hollow Light Integrator
Zoom Projection Lens	Power Zoom and Focus with 17-degree keystone correction
Zoom Factor	1.5 X
Projection Distance	1.75 – 6 m (5.75 – 20.0 ft.)
Image Size	1.0 – 5.0 m (40 – 200 in). diagonal
Uniformity	85% image, center-to-corner
Image configuration	Green Button Set Up with auto image positioning, auto tracking and auto synchronization
Power Input	100 – 250V AC, 50 – 60 Hz, Full Range
Power Consumption Typical	180W, Max 200W
Remote Control through RS-232	No
Weight	4.5 kg (9.9 lbs)
Dimensions	W: 335mm, D: 225mm, H: 130mm W: 13.2 in., D: 8.86 in., H: 5.122 in.
Operating Temperature	10°C to +40°C (50F – 104F)
Storage Temperature	0°C to +55°C (32F – 131F)
Operating Relative Humidity	0% to 90% Non-Condensing
Storage Relative Humidity	0% to 90% Non-Condensing
Approvals	CE, UL, FCC Class B
Standard Accessories	Davis Remote Control incl. Batteries, Composite and S-Video Cable, Power Cable (EUR, UK, US), Lens Cap, User Manual (Paper copy and CD-ROM).
Optional Accessories	Ceiling Mount Kit, Davis Dual Soft Bag, Mac Adapter, SCART Adapter

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Model	<i>CinemaOne</i>
Davis Part no.	
Display Technology	DLP TM (Digital Light Processing)
Display Type	Single-Chip DMD (Digital Micromirror Device)
Display Resolution	Native: SVGA (800x600), XGA (1024x768) compressed
Display No. of Pixels	480,000
Color Palette	16,7 million colors (8 bits per color)
Aspect Ratio	TV (4:3) or Widescreen (16:9) Accepts Anamorphic Video
Projection Lamp	150W UHP (Ultra High Pressure)
Lamp Life Time	2000 Hours Typical
Brightness	800 ANSI Lumens Typical
Contrast Ratio	300:1 (ANSI Checkerboard Typical) 600:1 (ANSI Full on/off Typical)
Computer Sources	PC and Mac
Computer Formats	SVGA, VGA and XGA (compressed)
Computer Input	EVC (VGA (HDD-15))
Video Sources	DVD, VHS, Laserdisc, Videogames, etc.
Video Formats	NTSC (M), PAL (B/D/G/H/I/M), SECAM
Video Input	Composite Video (RCA), S-Video (Mini-DIN-4)
Horizontal Scan Range	30 – 60 KHz (15KHz for video)
Vertical Refresh Rate	48 – 85 Hz
Built-in Line Doubler	Yes
Motion Estimation Technique	DMIP - Dynamic Motion Interpolation Processing
User Configurable Quick Meny	Yes
Audio Input	Stereo (2 x Gold Plated RCA)
Audio Output	Stereo (2 x Gold Plated RCA)
Audio Preamp/Amplifier	Yes
Audio Equalizer	Yes
Audio Loudspeaker	Built in 10W
Optical System	Carl Zeiss Optical Engine with new Hollow Light Integrator
Zoom Projection Lens	Power Zoom and Focus with 17-degree keystone correction
Zoom Factor	1.5 X
Projection Distance	1.75 – 6 m (5.75 – 20.0 ft.)
Image Size	1.0 – 5.0 m (40 – 200 in). diagonal
Uniformity	85% image, center-to-corner
Image configuration	Green Button Set Up with auto image positioning, auto tracking and auto synchronization
Power Input	100 – 250V AC, 50 – 60 Hz, Full Range
Power Consumption Typical	210W, Max 230W
Remote Control through RS-232	No
Weight	4.5 kg (9.9 lbs)
Dimensions	W: 335mm, D: 225mm, H: 130mm W: 13.2 in., D: 8.86 in., H: 5.122 in.
Operating Temperature	10°C to +40°C (50F – 104F)
Storage Temperature	0°C to +55°C (32F – 131F)
Operating Relative Humidity	0% to 90% Non-Condensing
Storage Relative Humidity	0% to 90% Non-Condensing
Approvals	CE, UL, FCC Class B
Standard Accessories	Davis Remote Control incl. Batteries, Composite and S-Video Cable, Power Cable (EUR, UK, US), Lens Cap, User Manual (Paper copy and CD-ROM).
Optional Accessories	Ceiling Mount Kit, Davis Dual Soft Bag, TV Tuner Kit, PC Connection Kit, Mac Connection Kit, SCART Adapter, EVC Cable.

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Technical Specifications - 1 July 2000

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Model	CinemaOne PRO
Davis Part no.	
Display Technology	DLP TM (Digital Light Processing)
Display Type	Single-Chip DMD (Digital Micromirror Device)
Display Resolution	Native: SVGA (800x600), XGA (1024x768) compressed
Display No. of Pixels	480,000
Color Palette	16,7 million colors (8 bits per color)
Aspect Ratio	TV (4:3) or Widescreen (16:9) Accepts Anamorphic Video
Projection Lamp	150W UHP (Ultra High Pressure)
Lamp Life Time	2000 Hours Typical
Brightness	800 ANSI Lumens Typical
Contrast Ratio	300:1 (ANSI Checkerboard Typical) 600:1 (ANSI Full on/off Typical)
Computer Sources	PC and Mac
Computer Formats	SVGA, VGA and XGA (compressed)
Computer Input	VGA (HDD-15), RS-232 (HDD-9)
Video Sources	DVD, VHS, Laserdisc, Videogames, etc.
Video Formats	NTSC (M), PAL (B/D/G/H/I/M), SECAM
Video Input	Composite Video (RCA), S-Video (Mini-DIN-4), RGB (BNC)
Horizontal Scan Range	30 – 60 KHz (15KHz for video)
Vertical Refresh Rate	48 – 85 Hz
Built-in Line Doubler	Yes
Motion Estimation Technique	DMIP - Dynamic Motion Interpolation Processing
User Configurable Quick Meny	Yes
Audio Input	NA
Audio Output	NA
Audio Preamplifier/Amplifier	NA
Audio Equalizer	NA
Audio Loudspeaker	NA
Optical System	Carl Zeiss Optical Engine with new Hollow Light Integrator
Zoom Projection Lens	Power Zoom and Focus with 17-degree keystone correction
Zoom Factor	1.5 X
Projection Distance	1.75 – 6 m (5.75 – 20.0 ft.)
Image Size	1.0 - 5.0 m (40 - 200 in). diagonal
Uniformity	85% image, center-to-corner
Image configuration	Green Button Set Up with auto image positioning, auto tracking and auto synchronization
Power Input	100 –250V AC, 50 – 60 Hz, Full Range
Power Consumption Typical	210W, Max 230W
Remote Control through RS-232	Yes
Weight	4.5 kg (9.9 lbs)
Dimensions	W: 335mm, D: 225mm, H: 130mm W: 13.2 in., D: 8.86 in., H: 5.122 in.
Operating Temperature	10°C to +40°C (50F – 104F)
Storage Temperature	0°C to +55°C (32F – 131F)
Operating Relative Humidity	0% to 90% Non-Condensing
Storage Relative Humidity	0% to 90% Non-Condensing
Approvals	CE, UL, FCC Class B
Standard Accessories	Davis Remote Control incl. Batteries, Composite and S-Video Cable, Power Cable (EUR, UK,US), Lens Cap, User Manual (Paper copy and CD-ROM).
Optional Accessories	Ceiling Mount Kit, Davis Dual Soft Bag, Mac Adapter, SCART Adapter

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Model	<i>CinemaTen</i>
Davis Part no.	
Display Technology:	DLP TM (Digital Light Processing)
Display Type:	Single-Chip DMD (Digital Micromirror Device)
Display Resolution:	Native XGA (1024x768), SXGA (1280x1024) compressed
Display No. of Pixels	786,432
Color Palette:	16,7 million colors (8 bits per color)
Aspect Ratio:	TV (4:3) or Widescreen (16:9) Accepts Anamorphic Video
Projection Lamp:	150W UHP (Ultra High Pressure)
Lamp Life Time:	2000 Hours Typical
Brightness:	1000 ANSI Lumens Typical
Contrast Ratio:	300:1 (ANSI Checkerboard Typical) 600:1 (ANSI Full on/off Typical)
Computer Sources:	PC and Mac
Computer Formats:	XGA, VGA, SVGA and SXGA (compressed)
Computer Input:	VGA (HDD-15), RS-232 (HDD-9)
Video Sources:	DVD, VHS, Laserdisc, Videogames, etc.
Video Formats:	NTSC (M), NTSC 4.43, PAL (B/D/G/H/I/M), PAL 60, SECAM
Video Input:	Composite Video (RCA), S-Video (Mini-DIN-4), RGB (BNC)
Horizontal Scan Range	30 - 80 KHz (15KHz for video)
Vertical Refresh Rate	48 - 100 Hz
Built-in Line Doubler	Yes
Motion Estimation Technique	AMSC - Advanced Motion Scan Conversion
User Configurable Quick Meny	Yes
Audio Input:	NA
Audio Output:	NA
Audio Preamp/Amplifier:	NA
Audio Equalizer:	NA
Audio Loudspeaker:	NA
Optical System:	Carl Zeiss Optical Engine with new Hollow Light Integrator
Zoom Projection Lens:	Manual Zoom and Focus with 17-degree keystone correction
Zoom Factor:	1.5 X
Projection Distance:	1.75 – 6 m (5.75 – 20.0 ft.)
Image Size:	1.0 – 5.0 m (40 – 200 in). diagonal
Uniformity:	85% image, center-to-corner
Image configuration:	Green Button Set Up with auto image positioning, auto tracking and auto synchronization
Power Input:	100 – 250V AC, 50 – 60 Hz, Full Range
Power Consumption Typical:	210W, Max 230W
Remote Control through RS-232	Yes
Weight:	4.5 kg (9.9 lbs)
Dimensions:	W: 335mm, D: 225mm, H: 130mm W: 13.2 in., D: 8.86 in., H: 5.122 in.
Operating Temperature	10°C to +40°C (50F – 104F)
Storage Temperature	0°C to +55°C (32F – 131F)
Operating Relative Humidity	0% to 90% Non-Condensing
Storage Relative Humidity	0% to 90% Non-Condensing
Approvals	CE, UL, FCC Class B
Standard Accessories:	Davis Remote Control incl. Batteries, Composite and S-Video Cable, Power Cable (EUR, UK, US), Lens Cap, User Manual (Paper copy and CD-ROM).
Optional Accessories:	Ceiling Mount Kit, Davis Dual Soft Bag, Mac Adapter, SCART Adapter