

Spec Sheet

Maker	Intel	Quadrant International	FAST	FAST	miro
Products	Smart Video Recorder PRO	Q-Motion 150	Movie Machine Pro M-JPEG OPTION	FPS60	miroVIDEO DC20
General Features	Video Capture	Video Capture	Video Caputure, Analog Video Editing, TV Tuner, NTSC to VGA	Video Caputure, Analog Video Editing, NTSC to VGA, (OPTION MPEG Decoder)	Video Capture
Price	\$570			\$ 799.00	
Price		88,000YEN	126,800YEN	79,800YEN	Open
Minimum Hardware Requirements	i486SX 25MHz,4MB RAM, 30MB HDD free space	I486DX 33MHz, 8MB RAM, 15MB HDD free space	i386 SX or higher,4MB RAM	i386 SX 25MHz or higher,4MB RAM, 800KB/S HDD	i486 higher, 8MB RAM
Graphics Mode	640 X 480 256 colors/24bit Full Color	SVGA (256 Color)	640 x 480 , 800 x 600(non interlaced mode), 1024 x 768(interlaced mode)	640 x 480 , 800 x 600, 1024 x 768, 1280 x 1024	VGA / SVGA(Maximum 1600 x 1200 24bit Ful Color)
Bus	ISA	ISA	ISA 2(2 Port)	ISA	PCI
Card Size	1/2	3/4	Full+3/4	Full+3/4	3/4
PnP	none	none	none	none	pnp 2.0
Number of Video Inputs	1 RCA / 1 S-Video	2 RCA / 1 S-Video	2 RCA	2 S-Video or RCA	1 RCA/ 1 S-Video
Number of Video Outputs	none	1 RCA / 1 S-Video	1 RCA	1 S-Video or RCA	1 RCA / 1 S-Video
Number of Audio Inputs	none	none	MONO(TV Tuner Output)	none	none
Number of Audio Outputs	none	none	mini PHONE	mini PHONE(option MPEG OUT)	none
VGA Input Connector	none	none	D-sub 15 HD	D-sub 15 HD	none
VGA Output Connector	none	none	D-sub 15 HD	D-sub 15 HD	none
the rest Connector	none	none	RCA(TV Tuner)	none	none
VCR Control	none	none	none	none	option (miro VIDEO-Mouse :ioq/shuttle)
Feature Connector	none	none	Full function Require(VESA)	none	none
Feature Connector V-SYNC	-	-	-	-	-
Feature Connector H-SYNC	-	-	-	-	-
Video I/O Port Address	none		none	none	none

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Alternate I/O Address	2E4/310/320/ E40/350/360/3A0 /3B0 h	0x200 - 0x3FF h	110/120/128/130/ 138/140/148/150/ 158/160/168/170/ 178/180/188/190/ 198/1a0/1a8/1b0/ 1b8/1c0/1c8/1d0/ 1d8/1e0/1e8/220/ /228/230/238/240 /248/250/258/260 /268/280/288/290 /298/2a0/2a8/300 /308/310/318/350 /358 h and 110/120/200/210/ 250/300/310 h(M-JPEG OPTION)	110/118/120/128/ 130/138/140/148/ 150/158/160/168/ 170/178/180/188/ 190/198/1a0/1a8/ 1b0/1b8/1c0/1c8/ 1d0/1d8/1e0/1e8/ 220//228/230/238 /240/248/250/258 /260/268/280/288 /290/298/2a0/2a8 /300/308/310/318 /350/358 h	mysc
Buffers			Selectable	Selectable	-
Fram Buffer Address	none	none	UMB D000- DFFF/E000- EFFF or EMS Memory Base Address 24- 47/56- 62MB(1MB)	UMB D000- DFFF/E000- EFFF or EMS Memory Base Address 25- 47MB(1MB) or none	mysc
Alternate DMA	none	none	none	none	none
Optional DMA	none	none	none	none	none
IRQ	9/10/11/15	10/11/12/15	10/11/12/15 and 10/11/12/15(M- JPEG OPTION)	12/15/none	mysc
Audio Caputre	none	none	none	none	none
Audio I/O Address	none	none	none	none	none
Audio DMA	none	none	none	none	none
Audio IRQ	none	none	none	none	none
Softwre	Smart Video Recorder Pro, Asymetrix Digital Video Producer, Tri-Digital DigiClips SE	QM- Center(Runcher), QM- Cap(Capture), U- lead MPEG Converter, U- lead Media Studio 2 Video Editon Japanese, Video for Windows 1.1 Runtime	Control, Capture,Tuner,Vi deo Edit(Movie TV, Movie Studio,Movie Capture, Setup), Video for Windows 1.1 Runtime	Control, Capture,Tuner,Vi deo for Windows 1.1 Runtime, Media Cache(Video for Windows Enhancer), Adobe Premiere LE, Adobe Photoshop LE	Control, Capture, Setup, U-lead MPEG Converter, U-lead Media Studio 2 Video Editon Japanese, Asymetrix 3Dfx, Video for Windows Runtime
Driver	Win3.1	Win3.1 / Win95	Win3.1	Win3.1 / Win95	Win3.1/ WfW3.11/Win95
Data	AVI(Video)	AVI(Video)	AVI(Video),GIF/ PCX/TIFF/ JPEG(Image)	AVI(Video)	AVI

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Maximum Framerate SPEC Full Screen	able	30fps(60fields)	none	30fps(60fields)	30fps
Maximum Framerate SPEC 320x240	30fps	30fps(60fields)	30fps	none	none
Maximum Framerate SPEC 160x120	30fps	30fps(60fields)	30fps	none	none
Hardware Compression	Intel R3.2, Indeo RAW	Motion JPEG	Motion JPEG	Motion JPEG	Motion JPEG
Input Signal	NTSC/PAL	NTSC/PAL/Secom	NTSC/PAL	NTSC/PAL/SECAM	PAL/NTSC/SECAM(Imput only)
Video Signal / Digitize	-	YUV 4:2:2	YUV 4:1:1	YUV 4:2:2	YUV 4:2:2
Color	24bit RGB	24bit RGB	24bit RGB, 16bit RGB, 8bit Palettized, YUV 4:1:1	24bit RGB	24bit RGB
Overlay	none	Full Size	Full Size	Full Size	none
PreView	Capture Size	Capture Size	Capture Size	none	Capture Size
Option	none	Overlay Subboard	none	MPEG Extension	VIDEO-Mouse, miroMPEG Maker
Check Graphics Card Orchid Farenheit 1280 +	Complete	-	Auto Feder Trouble	-	-
Check Graphics Card Diamond Stealth PRO	-	-	-	-	-
Check Graphics Card Diamond Stealth HiColor	-	-	-	-	-
Check Graphics Card Matrox Impression	Complete	-	-	-	-
Check Graphics Card Diamond Stealth 64 Video	-	Complete	-	Complete	Complete
Maker	Intel Corp.	Quadrant International	Fast Electronic U.S.,Inc.	Fast Electronic U.S.,Inc.	miro Computer Products AG
Address	5200 N.E.Elam Young Parkway, Hillsboro, OR 97124-6497,USA	170 South Warner Road, Suite 102, Wayne, PA 19087-2191, USA	One Twin Dolphin Drive, Redwood City, CA 94065, USA	One Twin Dolphin Drive, Redwood City, CA 94065, USA	Carl-Miele-Str.4, D-38112 Braunschweg, Germany
Telephone	503-629-7354	610-964-7600	415-802-0772	415-802-0772	49-0531-2113-20
Fax	503-629-7580	610-964-8195	415-802-0746	415-802-0746	49-0531-2113-99
Bender (Japan)	-	UEP SYSTEMS, Inc.	EIE	EIE	Matsushita Inter Techno
Address	-	-	-	-	-
Telephone	-	03-3377-8711	03-3572-3442	03-3572-3442	03-5232-1711

Spec Sheet

CANOPUS	AIMS Lab	LeadTek	Orchid
Power Caputere /V	Video Highway	MM Plus	Videlola Premium
Video Caputer, NTSC to AVI	Video Capture, TV Tuner, FM Radio Tuner, TV/Radio Scheduler	Video Capture	Video Capture
59,800YEN	49,800YEN	79,000YEN	145,000YEN
I486DX2 66MHz	i386SX or higher,2MB RAM,2MB HDD free space	i386/486 or higher, 4MB RAM	i386SX 25MHz or higher,2MB RAM,2MB HDD free space
-	VGA / SVGA(Maximum 1024 x 768 Interlaced mode)	640 x 480/800 x 600 256/32K/64K Color(non interlaced mode),1024 x 768(interlaced mode)	640 x 480 256/32K/64K color, 800 x 600 256 color
ISA	ISA	ISA	ISA
1/2	3/4	3/4	3/4
none	none	none	none
2RCA / 1 S-Video	2 RCA	2 RCA / 1 S-Video	1 RCA / 1 S-Video
1RCA / 1 S-Video	none	none	1 RCA / 1 S-Video
none	R+L RCA(TV FM Tuner Output)	2 Stereo mini PHONE	none
none	mini Stereo PHONE	mini Stereo PHONE	none
none	mini DIN	D-sub 15 HD	D-sub 15 HD
none	D-sub 15 HD	D-sub 15 HD	D-sub 15 HD
none	mini PHONE(RF)	none	none
none	none	none	Control L
none	Require(VESA)	Require(VESA)	Require(VESA)
-	-	-	-
-	-	-	-
0F20(0000-0FF0) h	700-70F/400-40F/500-50F/600-60F h	500/600/700 h	500/600/700 h

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none	20C-20F/30C-30F h	none	none
	-	768K/1.5MB	-
none	Tuner Required UMB D000/D800/E000 /E800 or EMS Memory Base Address 12,13,14,15MB	UMB D000/D800/E000 /E800(2frame) or Memory Base Address 14- 16MB	none
none	10/6/11/12	none	none
none	none	none	none
10/5/7/9/11/12/15	none	10/11/12/15	5/6/7/10/11/12/14 /15
none	Volume Control only No Sampling	Sampling rate 22.05KHz	none
none	none	220/240 h	none
none	none	1/3	none
none	none	7/5/3/2	none
Setup, Control, Capture Driver Selector, Output Drive Selector, AVI - MPEG Convertor, Ulead Video Studio 2, Power View	Control,Capture, Tuner,etc(TeleVi sion,Radio Track,MidNight Call,Cap Vision,Video Configuration, PlayVision)	Control, Capture Image, Sampling Audio(MM Plus, Video Control, Audio Control, AVI Control, MCI Digital Video), SDK,U-Lead Video Studio,U- Lead iPhoto Plus	Control,Adobe Premiere 1.1,Asymetrix COMPEL PE
Win3.1/ Win95	Win3.1	Win3.1	Win3.1
AVI(Video)/ MPEG(Convertor )	AVI(Video),TIFF/ TARGA/MMP/ BMP/etc(Image)	AVI(Video),BMP/ JPG/TGA/TIFF/ PCX/ MMP(Image)	AVI(Video)

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-	none	able	none
30ffs	15fps	able	30fps
30fps	30fps	30fps	30fps
CANOPUS Motion Image JPEG	NONE	none	YUV 4:1:1, Motion JPEG
NTSC	NTSC/PAL/NTSC(Nintendo/SEGA GAME MACHINE)	NTSC/PAL	NTSC/PAL
YUV 4:2:2	-	YUV 4:1:1	-
-	6bit YUV	24bit RGB, 16bit RGB, 8bit Palettized, YUV 4:1:1	24bit RGB, 8bit Palletized, 8bit Gray Scale
none	Full Size	Full Size	Full Size
Capture Size	Capture Size	Capture Size	Capture Size
MPEG encorder	none	MPEG encorder	none
-	Sync Error (Video Capture)	Sync Error (Video Capture)	Complete
-	-	Conflict	-
-	-	-	Conflict
-	-	-	-
-	-	-	-
CANOPUS Co., Ltd.	AIMS Lab, Inc.	LeadTek	Orchid Technology
-	1770 South Amphlett Boulevard, Suite 128, San Mateo, CA 94402, USA	-	45365 Northport Loop West, Fremont, CA 94538-9973, USA
078-992-6230	415-286-4313	-	-
-	415-286-4314	-	-
CANOPUS Co., Ltd.	JUSTAM	COMPAL	Big Science
-	-	-	-
078-992-6230	03-3558-2411	03-3299-5751	03-3255-6233

Frame rate

		Video Source SMPTE Color Bar	Capture Setting				Time (sec)
			width (pixel)	Height (pixel)	Frame (fps)	Field (fps)	
FAST Movie Machine	1	M-JPEG	640	480	30	30	16.00
FAST FPS60	4	M-JPEG 76:1	640	480	30	60	14.97
FAST FPS60	4	M-JPEG 11:1	640	480	30	60	14.97
miroVIDEO DC20	4	M-JPEG 11:1	640	480	30		14.97
miroVIDEO DC20	4	M-JPEG 8.5:1	640	480	30		14.93
miroVIDEO DC20	4	M-JPEG 4.6:1	640	480	30		17.83
Quadrant Q-Motion ISA150	4	Motion JPEG 30:1	640	480	30	60	14.90
Quadrant Q-Motion ISA150	4	Motion JPEG 24:1	640	480	30	60	14.87
Quadrant Q-Motion ISA150	4	Motion JPEG 18:1	640	480	30	60	14.93
Quadrant Q-Motion ISA150	4	Motion JPEG 12:1	640	480	30	60	15.00
Quadrant Q-Motion ISA150	4	Motion JPEG 6:1	640	480	30	60	14.93
VIDEO MAKER	1	VSF-MPEG VM1.5/Hi	320	240	30	30	18.00
VIDEO MAKER	1	VSF-Generic MPEG/Hi	320	240	30	30	50.00
VIDEO MAKER	1	VSF-MPEG VM1.5/Ave	320	240	30	30	20.00
VIDEO MAKER	1	VSF-MPEG VM1.0	320	240	30	30	19.00
VIDEO MAKER	1	VSF-Generic MPEG/Ave	320	240	30	30	54.00
VIDEO MAKER	1	VSF-MPEG VM1.5/Low	320	240	30	30	22.00
VIDEO MAKER	1	VSF-Generic MPEG/Low	320	240	30	30	59.00
VIDEO MAKER	1	VSF-AVI 256c	320	240	30	30	20.00
VIDEO MAKER	1	VSF-AVI 24bit RGB	320	240	30	30	12.00
Video Star PRO	1	Motion JPEG	320	240	30	30	15.08
Video Star PRO	1	Video Star 2:1	320	240	15	30	15.92
Video Star PRO	1	8bit Palettaized	320	240	15	30	14.51
Video Star PRO	1	16bit RGB 5:5:5	320	240	15	30	18.45
Video Star PRO	1	24bit RGB	320	240	15	30	23.85
miro VIDEO DC1 tv	1	Motion JPEG	320	240	30	30	15.39
Video Blaster FS200	1	YUV411 Compressed	320	240	15	30	15.90
Video Blaster FS200	1	YUV Truncated	320	240	15	30	16.23
Video Blaster FS200	1	YUV Packed	320	240	15	30	17.38
Video Blaster FS200	1	8bit Palettaized	320	240	15	30	15.16
Video Blaster FS200	1	16bit RGB	320	240	15	30	16.54
Video Blaster FS200	1	24bit RGB	320	240	15	30	20.93
Power Vision IV	1	8bit Palettaized	320	240	15	30	15.13
Power Vision IV	1	5:5:5bit RGB	320	240	15	30	14.95
Power Movie IV JPEG SET	2	Full Color Motion JPEG	320	240	30	30	14.27
Power Movie IV JPEG SET	2	Full Color RGB	320	240	15	30	14.93
Power Movie IV JPEG SET	2	RGB 5:5:5	320	240	15	30	14.07
Power Movie IV JPEG SET	2	256 Palettaized	320	240	15	30	14.93
Power Movie IV JPEG SET	2	Power Movie	320	240	15	30	14.27
Power Capture IV	3	Motion JPEG 1/15	320	240	30	30	15.17
Power Capture IV	3	Motion JPEG 1/10	320	240	30	30	15.17

Frame rate

Power Capture /V	3	Motion JPEG 1/7	320	240	30	30	15.00
Power Capture /V	3	Motion JPEG 1/5	320	240	30	30	14.97
<b>Intel Smart Video Recorder Pro</b>	<b>1</b>	<b>Intel Indeo R3.2 High</b>	<b>320</b>	<b>240</b>	<b>30</b>	<b>30</b>	<b>15.00</b>
<b>Intel Smart Video Recorder Pro</b>	<b>1</b>	<b>Intel Indel RAW High</b>	<b>320</b>	<b>240</b>	<b>15</b>	<b>30</b>	<b>15.00</b>
FAST Movie Machine	1	YUV 4:1:1	320	240	15	30	15.96
FAST Movie Machine	1	16bit RGB	320	240	15	30	19.43
FAST Movie Machine	1	8bit Palettaized	320	240	15	30	16.74
FAST Movie Machine	1	24bit RGB	320	240	15	30	21.77



Frame rate

Captured Result			
Total Frames	Drop Frames	ratio(%)	Frame (fps)
480	0	0%	30.00
448	0	0%	30.00
449	1	0%	29.93
449	0	0%	30.00
448	0	0%	30.00
535	102	19%	24.28
447	0	0%	30.00
446	34	8%	27.71
448	161	36%	19.22
450	263	58%	12.47
448	302	67%	9.78
540	0	0%	30.00
1500	0	0%	30.00
600	0	0%	30.00
570	0	0%	30.00
1620	0	0%	30.00
660	0	0%	30.00
1770	0	0%	30.00
600	0	0%	30.00
360	0	0%	30.00
452	0	0%	30.00
239	0	0%	15.00
241	154	64%	5.41
273	204	75%	3.79
340	319	94%	0.93
456	0	0%	30.00
237	101	43%	8.61
240	159	66%	5.06
257	177	69%	4.67
224	160	71%	4.29
244	178	73%	4.06
300	278	93%	1.10
224	24	11%	13.39
215	117	54%	6.84
448	1	0%	29.93
227	217	96%	0.66
211	199	94%	0.85
224	203	91%	1.41
214	129	60%	5.96
455	1	0%	29.93
455	0	0%	30.00

Frame rate

450	16	4%	28.93
449	201	45%	16.57
<b>450</b>	<b>117</b>	<b>26%</b>	<b>22.20</b>
<b>225</b>	<b>39</b>	<b>17%</b>	<b>12.40</b>
227	151	67%	5.02
279	225	81%	2.90
237	193	81%	2.78
279	278	100%	0.05

Frame per Capture Time

		Compression	Capture Setting		
			width (pixel)	Height (pixel)	Frame(fps)
Video Blaster FS200	1	YUV411 Compressed	160	120	
Video Blaster FS200	1	YUV411 Compressed	160	120	
Video Blaster FS200	1	YUV411 Compressed	160	120	
Video Blaster FS200	1	YUV411 Compressed	160	120	
Video Blaster FS200	1	YUV411 Compressed	160	120	
Video Blaster FS200	1	YUV411 Compressed	160	120	
Intel Smart Video Recorder Pro	1	Intel Indeo R3.2 High	320	240	
Intel Smart Video Recorder Pro	1	Intel Indeo R3.2 High	320	240	
Intel Smart Video Recorder Pro	1	Intel Indeo R3.2 High	320	240	
Intel Smart Video Recorder Pro	1	Intel Indeo R3.2 High	320	240	
Intel Smart Video Recorder Pro	1	Intel Indeo R3.2 High	320	240	
Intel Smart Video Recorder Pro	1	Intel Indeo R3.2 High	320	240	
Intel Smart Video Recorder Pro	1	Intel Indel RAW High	160	120	
Intel Smart Video Recorder Pro	1	Intel Indel RAW High	160	120	
Intel Smart Video Recorder Pro	1	Intel Indel RAW High	160	120	
Intel Smart Video Recorder Pro	1	Intel Indel RAW High	160	120	
Intel Smart Video Recorder Pro	1	Intel Indel RAW High	160	120	
Intel Smart Video Recorder Pro	1	Intel Indel RAW High	160	120	
Video Star Pro	1	Motion JPEG	320	240	
Video Star Pro	1	Motion JPEG	320	240	
Video Star Pro	1	Motion JPEG	320	240	
Video Star Pro	1	Motion JPEG	320	240	
Video Star Pro	1	Motion JPEG	320	240	
Video Star Pro	1	Motion JPEG	320	240	
FAST Movie Machine	1	YUV 4:1:1	160	120	
FAST Movie Machine	1	YUV 4:1:1	160	120	
FAST Movie Machine	1	YUV 4:1:1	160	120	
FAST Movie Machine	1	YUV 4:1:1	160	120	
FAST Movie Machine	1	YUV 4:1:1	160	120	
FAST Movie Machine	1	YUV 4:1:1	160	120	
Canopus Power Movie	1	Motion JPEG 1:15 SMPTE	320	240	
Canopus Power Movie	1	Motion JPEG 1:15 SMPTE	320	240	
Canopus Power Movie	1	Motion JPEG 1:15 SMPTE	320	240	
Canopus Power Movie	1	Motion JPEG 1:15 SMPTE	320	240	
Canopus Power Movie	1	Motion JPEG 1:15 SMPTE	320	240	
Canopus Power Movie	1	Motion JPEG 1:15 SMPTE	320	240	
Canopus Power Movie	1	Motion JPEG 1:15	320	240	
Canopus Power Movie	1	Motion JPEG 1:15	320	240	
Canopus Power Movie	1	Motion JPEG 1:15	320	240	
Canopus Power Movie	1	Motion JPEG 1:15	320	240	
Canopus Power Movie	1	Motion JPEG 1:15	320	240	
Canopus Power Movie	1	Motion JPEG 1:15	320	240	
miro VIDEO DC1 tv	6	Motion JPEG Automatic Qu	320	240	
miro VIDEO DC1 tv	6	Motion JPEG Automatic Qu	320	240	
miro VIDEO DC1 tv	6	Motion JPEG Automatic Qu	320	240	
miro VIDEO DC1 tv	6	Motion JPEG Automatic Qu	320	240	
miro VIDEO DC1 tv	6	Motion JPEG Automatic Qu	320	240	
miro VIDEO DC1 tv	6	Motion JPEG Automatic Qu	320	240	
miro VIDEO DC20	4	Motion JPEG 1:10	640	480	
miro VIDEO DC20	4	Motion JPEG 1:10	640	480	
miro VIDEO DC20	4	Motion JPEG 1:10	640	480	
miro VIDEO DC20	4	Motion JPEG 1:10	640	480	

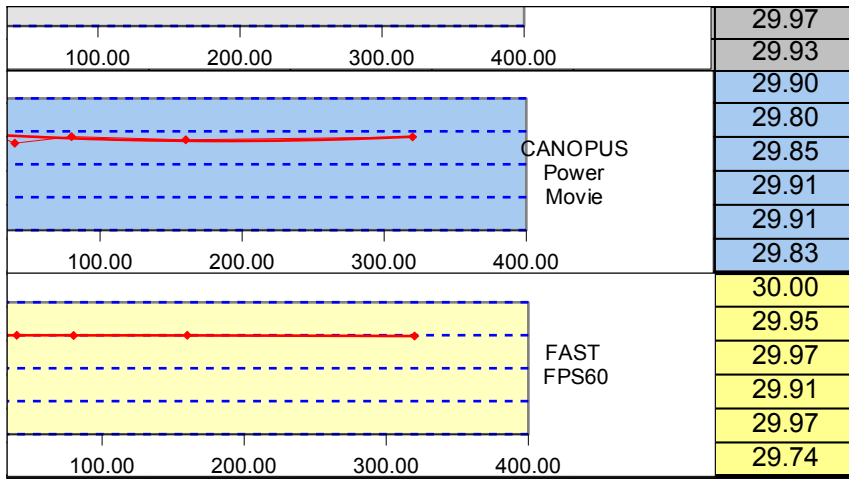
Frame per Capture Time

miro VIDEO DC20	4	Motion JPEG 1:10	640	480	0.00
miro VIDEO DC20	4	Motion JPEG 1:10	640	480	0.00
Canopus Power Caputer /V	3	Motion JPEG 1:15 SMPTE	320	240	<p>A line graph showing FPS values for Canopus Power Caputer /V. The y-axis ranges from 0.00 to 40.00. A red line with diamond markers fluctuates around a value of 30.00. Horizontal dashed blue lines are present at 10.00, 20.00, and 30.00.</p>
Canopus Power Caputer /V	3	Motion JPEG 1:15 SMPTE	320	240	
Canopus Power Caputer /V	3	Motion JPEG 1:15 SMPTE	320	240	
Canopus Power Caputer /V	3	Motion JPEG 1:15 SMPTE	320	240	
Canopus Power Caputer /V	3	Motion JPEG 1:15 SMPTE	320	240	
Canopus Power Caputer /V	3	Motion JPEG 1:15 SMPTE	320	240	
Canopus Power Caputer /V	3	Motion JPEG 1:15 SMPTE	320	240	
FAST FPS60	4	Motion JPEG 1:11 VIDEO	640	480	<p>A line graph showing FPS values for FAST FPS60. The y-axis ranges from 0.00 to 40.00. A red line with diamond markers fluctuates around a value of 30.00. Horizontal dashed blue lines are present at 10.00, 20.00, and 30.00.</p>
FAST FPS60	4	Motion JPEG 1:11 VIDEO	640	480	
FAST FPS60	4	Motion JPEG 1:11 VIDEO	640	480	
FAST FPS60	4	Motion JPEG 1:11 VIDEO	640	480	
FAST FPS60	4	Motion JPEG 1:11 VIDEO	640	480	
FAST FPS60	4	Motion JPEG 1:11 VIDEO	640	480	
FAST FPS60	4	Motion JPEG 1:11 VIDEO	640	480	

Frame per Capture Time

Captured Result					
Field	Time (sec)	Total Frames	Drop Frames	ratio(%)	Frame (fps)
<p>FS200</p>	50.00				20.03
	100.00				20.32
	150.00				19.91
	200.00				15.69
	250.00				12.84
	300.00				11.21
<p>Smart Video Recorder PRO</p>	50.00				29.04
	100.00				17.28
	150.00				13.67
	200.00				10.03
	250.00				9.15
	300.00				8.35
<p>Smart Video Recorder PRO</p>	50.00				30.07
	100.00				30.04
	150.00				25.03
	200.00				17.85
	250.00				13.86
	300.00				11.96
<p>VideoStar PRO</p>	50.00				29.98
	100.00				29.97
	150.00				29.97
	200.00				26.56
	250.00				20.33
	300.00				18.69
<p>FAST Movie Machine</p>	100.00				15.00
	200.00				14.82
	300.00				12.15
	400.00				8.88
	450.00				6.99
	480.00				6.29
<p>CANOPUS Power Movie</p>	100.00				29.90
	200.00				29.95
	300.00				26.38
	350.00				28.39
	380.00				27.41
	400.00				28.30
<p>CANOPUS Power Movie</p>	100.00				29.90
	200.00				23.37
	300.00				21.20
	350.00				17.85
	380.00				17.95
	400.00				10.73
<p>miro VIDEO DC20</p>	100.00				30.00
	200.00				30.00
	300.00				19.98
	350.00				13.55
	380.00				11.06
	400.00				9.49
<p>miro VIDEO DC1 tv</p>	100.00				30.00
	200.00				30.00
	300.00				29.97
					29.97

### Frame per Capture Time



Data per Frame

		Compression	Capture Setting			
			width (pixel)	Height (pixel)	Frame (fps)	Field
VIDEO MAKER	1	VSF-MPEG VM1.5/Hi	320	240	30	30
VIDEO MAKER	1	VSF-Generic MPEG/Hi	320	240	30	30
VIDEO MAKER	1	VSF-MPEG VM1.5/Ave	320	240	30	30
VIDEO MAKER	1	VSF-MPEG VM1.0	320	240	30	30
VIDEO MAKER	1	VSF-Generic MPEG/Ave	320	240	30	30
VIDEO MAKER	1	VSF-MPEG VM1.5/Low	320	240	30	30
VIDEO MAKER	1	VSF-Generic MPEG/Low	320	240	30	30
VIDEO MAKER	1	VSF-AVI 256c	320	240	30	30
<b>Intel Smart Video Recorder Pro</b>	<b>1</b>	<b>Intel Indeo R3.2 High</b>	<b>320</b>	<b>240</b>	<b>15</b>	<b>30</b>
Power Movie IV JPEG SET	1	Full Color Motion JPEG 1:30	320	240	15	30
Power Movie IV JPEG SET	1	Full Color Motion JPEG 1:40	320	240	15	30
<b>miro VIDEO DC1 tv</b>	<b>1</b>	<b>Motion JPEG Automatic 300K</b>	<b>320</b>	<b>240</b>	<b>30</b>	<b>30</b>
Power Movie IV JPEG SET	1	Full Color Motion JPEG 1:20	320	240	15	30
VIDEO MAKER	1	VSF-AVI 24bit RGB	320	240	30	30
Power Movie IV JPEG SET	1	Full Color Motion JPEG 1:15*	320	240	15	30
Power Movie IV JPEG SET	1	256 Palettaized	320	240	15	30
Power Movie IV JPEG SET	1	Full Color Motion JPEG 1:10	320	240	15	30
Power Movie IV JPEG SET	1	RGB 5:5:5	320	240	15	30
Video Star PRO	1	Motion JPEG	320	240	15	30
Power Movie IV JPEG SET	1	Full Color RGB	320	240	15	30
Movie Machine	1	Motion JPEG	320	240	30	30
miroVIDEO DC20	4	M-JPEG 60:1	640	480	30	30
Power Movie IV JPEG SET	1	Power Movie	320	240	15	30
<b>FAST FPS60</b>	<b>4</b>	<b>M-JPEG 11:1</b>	<b>640</b>	<b>480</b>	<b>30</b>	<b>60</b>
<b>Intel Smart Video Recorder Pro</b>	<b>1</b>	<b>Intel Indel RAW High</b>	<b>320</b>	<b>240</b>	<b>15</b>	<b>30</b>
Video Star PRO	1	Video Star 2:1	320	240	15	30
Video Blaster FS200	1	YUV411 Compressed	320	240	15	30
Video Blaster FS200	1	8bit Palettaized	320	240	15	30
Power Vision IV	1	8bit Palettaized	320	240	15	30
Video Blaster FS200	1	YUV Truncated	320	240	15	30
Video Blaster FS200	1	YUV Packed	320	240	15	30
Power Vision IV	1	5:5:5bit RGB	320	240	15	30
Video Blaster FS200	1	16bit RGB	320	240	15	30
miroVIDEO DC20	4	M-JPEG 9:1	640	480	30	30
Video Blaster FS200	1	24bit RGB	320	240	15	30
miroVIDEO DC20	4	M-JPEG 4.7:1	640	480	30	30

Data per Frame

Captured Result						
Time (sec)	Total Frames	Drop Frames	ratio (%)	Frame (fps)	Data (Byte/150f)	Data (KB/f)
18.00	540	0	0%	30.00	35,921	0.07
50.00	1500	0	0%	30.00	102,478	0.07
20.00	600	0	0%	30.00	61,328	0.10
19.00	570	0	0%	30.00	61,328	0.11
54.00	1620	0	0%	30.00	175,343	0.11
22.00	660	0	0%	30.00	99,985	0.15
59.00	1770	0	0%	30.00	285,119	0.16
20.00	600	0	0%	30.00	770,296	1.28
<b>13.00</b>	<b>195</b>	<b>0</b>	<b>0%</b>	<b>15.00</b>	<b>344,438</b>	<b>1.77</b>
9.87	148	0	0%	15.00	612,680	4.08
9.87	148	0	0%	15.00	612,680	4.08
<b>10.10</b>	<b>149</b>	<b>0</b>	<b>0%</b>	<b>30.00</b>	<b>620,960</b>	<b>4.17</b>
9.87	148	0	0%	15.00	915,784	6.11
12.00	360	0	0%	30.00	2,306,296	6.41
9.87	148	0	0%	15.00	1,218,888	8.13
10.13	152	136	89%	1.58	1,274,248	8.49
9.87	148	0	0%	15.00	1,521,992	10.15
10.73	161	150	93%	1.02	1,735,192	11.57
10.40	151	0	0%	15.00	1,851,868	12.35
12.67	190	181	95%	0.71	2,106,344	14.04
10.00	300	0	0%	30.00	4,470,456	14.90
14.97	449	0	0%	30.00	4,613,000	30.75
9.73	146	81	55%	6.68	5,077,288	33.85
29.966	898.98	5	0.006	29.83	34,651,000	38.54
<b>15.13</b>	<b>227</b>	<b>48</b>	<b>21%</b>	<b>11.83</b>	<b>13,220,214</b>	<b>58.24</b>
12.81	191	0	0%	15.00	8,917,468	59.45
15.90	237	101	43%	8.61	8,917,468	59.45
11.02	162	118	73%	4.07	11,681,244	77.87
10.61	159	0	0%	15.00	11,682,012	77.88
11.03	162	107	66%	5.09	11,682,268	77.88
11.78	173	119	69%	4.68	17,519,068	116.79
12.22	179	86	48%	7.79	23,355,868	155.71
12.31	181	132	73%	4.06	23,355,868	155.71
14.97	449	0	0%	30.00	29,999,000	199.99
30.10	437	405	93%	1.10	34,722,268	231.48
17.87	536	12	2%	29.33	52,543,000	350.29





