

PANAVISION

PANAVISION HIGH DEFINITION
PRIMO DIGITAL™ IMAGING



DIGITAL REFERENCE

2/3" CCD	1.85:1	2.40:1
	F-STOPS	
0.8	2	2.8
1.1	2.8	4
1.6	4	5.6
2.2	5.6	8
3.2	8	11
4.4	11	16
6.4	16	22

Woodland Hills 818.316.1000

Hollywood 323.464.3800 **Orlando** 407.363.0990

Wilmington 910.343.8796

Dallas 972.929.8585 **New York** 212.606.0700

Toronto 416.444.7000 **Vancouver** 604.291.7262

Melbourne 011.613.9646.3044 **Sydney** 011.612.9436.1844

Brisbane 011.617.5588.6543 **Wellington** 011.644.384.4191

Auckland 011.649.378.9492 **London** 011.44.208.839.7333

Manchester 011.44.161.872.4766

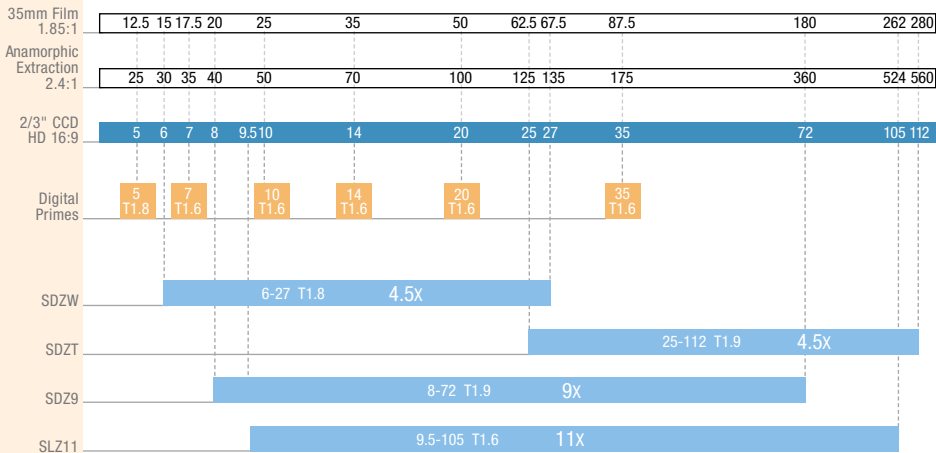
Shepperton 011.44.1932.572440 **Glasgow** 011.44.141.221.5175

Dublin 011.353.12.860811

Paris 011.331.4813.2550 **Marseille** 011.334.91.21.43.14

Hong Kong 011.85.2.2338.6311 **Tokyo** 011.81.3.3280.2101

PRIMO DIGITAL™ RANGE AND 35MM EQUIVALENTS



DIGITAL REFERENCE



PRIMO DIGITAL™ LENSES

PRODUCT TYPE	WEIGHT IN LBS.	FOCAL LENGTH	MAXIMUM APERTURE	CLOSE FOCUS	1.4X EXTENDER	2X EXTENDER	2X + 1.4X EXTENDER
SD5	2.7	5	T1.8	10.5"	—	—	—
SD7	3.2	7	T1.6	12"	—	—	—
SD10	3.5	10	T1.6	12"	—	—	—
SD14	2.8	14	T1.6	12"	—	—	—
SD20	3.6	20	T1.6	13"	—	—	—
SD35	2.9	35	T1.6	20"	—	—	—
SDZW	8.0*	6-27	T1.8	22"	—	—	—
SDZT	7.0*	25-112	T1.9	32"	35-157	50-224	71-317
SDZ9	8.6*	8-72	T1.9	36"	—	—	—
SLZ11D	23.0*	9.5-105	T1.6	51"	—	—	—
1.4XSD	0.7	1.4x extender for Primo Digital™ zooms					
2XSD	0.9	2x extender for Primo Digital™ zooms					
CDA	1.2	Double asphere attachment for 5mm					
WFA	1.4	Wide angle fisheye attachment for 7mm					

**Weight for zooms includes motor*



ASPECT RATIO	Pixels		Viewfinder		Monitor	
	H	V	H	V	H	V
16:9 Full App	1920	1080			SAD 16:9	
					100	100
16:9 Safe Action	1824	1026	Safety 95%		SAD 16:9	
					95	95
1.85 Film Safe	1824	986	Var V		SAD 16:9	
			—	984	95	91
2.39 Film Safe	1824	763	Var V		SAD 16:9	
			—	764	95	71
4:3 Full App	1440	1080	Var H		SAD 4:3	
			1440	—	100	100
4:3 (95%) Safe Action	1368	1026	Var H		SAD 4:3	
			1368	—	95	95
4:3 (90%) Safe Action	1296	972	Var H		SAD 4:3	
			1296	—	90	90

Viewfinder and monitor indicate closest available settings.

1/Speed	Equivalent Shutter Angle		
	24sF	50i	60i
OFF	360	360	360
32	270	—	—
48	180	—	—
50	—	180	—
60	—	—	180
96	90	—	—
100	—	90	—
125	69	72	87
250	34	36	43
500	17	18	22
1000	8	9	11

OPERATOR

1. VF Display
2. "!" Ind
3. Marker
4. Gain SW
5. Zebra/VF DTL
6. Auto Iris
7. Battery Alarm
8. Others
9. Operator File
10. Lens File

FILE

1. Operator File
2. Scene File
3. Reference
4. Lens File
5. OHB File
6. File Clear

MAINTENANCE

1. Auto Setup
2. White Shading
3. Black Shading
4. OHB Matrix
5. Auto Iris
6. Cam ID/Date
7. Multi Format
8. VTR Setup
9. Battery Alarm
10. Others 1
11. Others 2

DIAGNOSTICS

1. Hours Meter
2. VTR Status
3. ROM Version
4. Board Status
5. Tele File

PAINT

1. Switch Status
2. Video Level
3. Gamma
4. Black Gamma
5. Low Key Sat
6. Knee
7. Detail 1
8. Detail 2
9. Skin Detail
10. User Matrix
11. Multi Matrix
12. Shutter
13. Scene File

COMMON MENU ITEMS

002	Record Inh	620	Character Display	902	Freeze Mode
005	Servo Ref	701	Video Input	754	Downconverter Mode
017	PB/EE State	T02	Video Sig Gen	T04	Audio Sig Gen

PROCEDURE FOR CHANGING FRAME RATE

1. Press **MAINTENANCE** using a pen.
2. Press **SFT + F8** (mainten exec).
3. Press **F9** (others check).
4. Press **F9** (system menu).
5. Using **F2** (system freq).
6. Select the new frame rate.

Mode 1–23.98PsF Mode 5–30PsF

Mode 2–24PsF Mode 6–50i

Mode 3–25PsF Mode 7–59.94i

Mode 4–29.97PsF Mode 8–60i

PROCEDURE FOR CLONING TAPES

1. Select the same frame rate on Player and Recorder. Only Modes 1, 4 and 7 allow SDTI.
2. Connect SDTI OUT on Player to SDTI IN on recorder.
3. Select VIDEO INPUT as SDTI on recorder using menu 701.
4. Select TCG SOURCE as Ext V on recorder.
5. Press **PLAY** on player.
6. Press **PLAY** and **RECORD** on recorder.

HDMC DIP SWITCH REFERENCE

HDPC DIP SWITCH REFERENCE

1.	Downconverter format	00–Letter Box 10–4x3 Squeeze	01–Side Crop 11–Future
3.	Video standard	00–1080i/60 10–1080p/24sF	01–720p 11–1080i/50
5.	Video standard	0–Manual	1–Auto
6.	Output format in 24sF	0–NTSC	1–PAL
7.			
8.	Color space conversion	0–Disable	1–Enable

1.	Reserved		
2.			
3.	Pulldown disable		
4.	Aspect Ratio	00–GPI Ctl	01–4:3 Prod
5.	Marker control	10–4:3 Clean	11–2.4:1
6.	ANC Timecode Selection	0–RP188	1–Film
7.	A Frame Align	00–xx:xx:xx:00	01–xx:xx:xx:01
8.	Control	10–xx:xx:xx:02	11–xx:xx:xx:03

HDER DIP SWITCH REFERENCE (SRG CARD)

1	2	3	4	5	OUT 1	OUT 2	OUT 3	OUT 4
Off	Off	Off	Off	Off	1080i/60i	1080p/24sF	625i/48	6 Hz Pulse
On	Off	Off	Off	Off	1080i/59.94i	1080p/23.98sF	625i/47.96	6 Hz Pulse
Off	On	Off	Off	Off	1080i/50	1080p/24sF	625i/48	1 Hz Pulse
Off	Off	On	Off	Off	1080p/30	1080p/24sF	625i/48	6 Hz Pulse
On	Off	On	Off	Off	1080p/29.97	1080p/23.98sF	525i/47.96	6 Hz Pulse
Off	On	Off	On	Off	1080p/24sF	1080p/24sF	625i/48	625i/48
On	On	Off	On	Off	1080p/23.98sF	1080p/23.98sF	625i/47.96	625i/47.96

default settings

6	1–Genlock
7	Genlock Phase
8	Reserved