

DOCUMENT N°4 : Technical Data ARRI Master primes

Name	Type	Aperture	Close focus (4)	Length	Front diameter	Weight	Horizontal angle of view		
							ANSI Super 35 (1)	DIN Super 35 (2)	Normal 35 (3)
Master Prime T1.3/14 mm	Distagon T* XP	T1.3 to T22	0.35 m / 14"	224 mm / 8.8"	114 mm / 4.5"	2.4 kg / 5.3 lbs	83.4°	81.3°	76.4°
Master Prime T1.3/16 mm	Distagon T* XP	T1.3 to T22	0.35 m / 14"	205 mm / 8"	114 mm / 4.5"	2.2 kg / 4.8 lbs	77.0°	75.0°	70.2°
Master Prime T1.3/18 mm	Distagon T* XP	T1.3 to T22	0.35 m / 14"	205 mm / 8"	114 mm / 4.5"	2.2 kg / 4.8 lbs	70.6°	68.6°	64.0°
Master Prime T1.3/21 mm	Distagon T* XP	T1.3 to T22	0.35 m / 14"	205 mm / 8"	114 mm / 4.5"	2.4 kg / 5.3 lbs	62.1°	60.2°	56.0°
Master Prime T1.3/25 mm	Distagon T* XP	T1.3 to T22	0.35 m / 14"	205 mm / 8"	114 mm / 4.5"	2.3 kg / 5.1 lbs	53.8°	52.0°	48.2°
Master Prime T1.3/27 mm	Distagon T* XP	T1.3 to T22	0.35 m / 14"	205 mm / 8"	114 mm / 4.5"	2.2 kg / 4.8 lbs	49.2°	47.6°	44.0°
Master Prime T1.3/32 mm	Distagon T* XP	T1.3 to T22	0.35 m / 14"	205 mm / 8"	114 mm / 4.5"	2.3 kg / 5.1 lbs	43.6°	42.0°	38.8°
Master Prime T1.3/35 mm	Distagon T* XP	T1.3 to T22	0.35 m / 14"	205 mm / 8"	114 mm / 4.5"	2.2 kg / 4.8 lbs	39.4°	38.0°	35.0°
Master Prime T1.3/40 mm	Distagon T* XP	T1.3 to T22	0.40 m / 16"	205 mm / 8"	114 mm / 4.5"	2.3 kg / 5.1 lbs	34.8°	33.6°	31.0°
Master Prime T1.3/50 mm	Planar T* XP	T1.3 to T22	0.50 m / 20"	205 mm / 8"	114 mm / 4.5"	2.7 kg / 5.9 lbs	28.2°	27.2°	25.0°
Master Prime T1.3/65 mm	Planar T* XP	T1.3 to T22	0.65 m / 2'3"	205 mm / 8"	114 mm / 4.5"	2.6 kg / 5.7 lbs	21.8°	21.0°	19.2°
Master Prime T1.3/75 mm	Sonnar T* XP	T1.3 to T22	0.80 m / 2'9"	205 mm / 8"	114 mm / 4.5"	2.8 kg / 6.2 lbs	18.8°	18.2°	16.6°
Master Prime T1.3/100 mm	Sonnar T* XP	T1.3 to T22	1.00 m / 3'6"	205 mm / 8"	114 mm / 4.5"	2.9 kg / 6.4 lbs	14.2°	13.8°	12.6°
Master Prime T1.3/150 mm	Sonnar T* XP	T1.3 to T22	1.50 m / 4'11"	262 mm / 10.3"	134 mm / 5.3"	4.0 kg / 8.8 lbs	9.6°	9.3°	8.5°

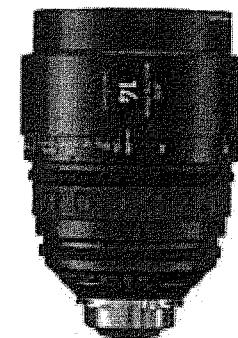
(1) Horizontal angle of view for an ANSI Super 35 Silent camera aperture (aspect ratio 1:1.33, dimensions 24.9mm x 18.7mm / 0.980" x 0.7362"). Ground glasses available for ARRICAM, ARRIFLEX 235 and all 435 and 535 models.

(2) Horizontal angle of view for a DIN Super 35 Silent camera aperture (aspect ratio 1:1.33, dimensions 24mm x 18mm / 0.944" x 0.7087"). Ground glasses available for ARRIFLEX 235 and all 435 and 535 models.

(3) Horizontal angle of view for a Normal 35 Academy camera aperture (aspect ratio 1:1.37, dimensions 22mm x 16mm / 0.8661" x 0.6299"). Ground glasses available for ARRICAM, ARRIFLEX 235 and all 435 and 535 models.

(4) Close focus is measured from the film plane.

T* XP is the trademark for the improved Zeiss anti-reflex lens coating that reduces veiling glare and other reflections. XP stands for extended performance.



DOCUMENT N°5 :

Cine-tal™
collaborate - process - display - visual media

Cinemage™



- High Performance, precision, 2K, HD & SD monitoring
- SDI, HDSDI, HDSDDI dual link and DVI-D input / output
- YCbCr or RGB at 8 or 10 bits linear or logarithmic
- Integrated OmniTek™ waveform monitor & vectorscope
- 3D Look Up Table (LUT) for color pre-visualization
- Full 1920 x 1080 resolution on 24" display
- LCD calibration for gamma, white point, luminance level
- Superior black level performance
- Gigabit network connectivity
- Seamless integration with existing equipment through web-appliance interface
- Frame capture/store locally, to network device or USB data key
- Quantitative digital video analysis
- Rugged construction for field applications

APPLICATIONS:

- Production
- Post production
- Color pre-visualization
- Quality control & assurance
- Remote collaboration

For more information,
please visit
www.cine-tal.com

Precision Monitoring

The Cinemage product family revolutionizes critical monitoring for digital cinema acquisition, post production and DI by combining Cine-tal's leading edge technology and a calibrated full resolution LCD display. Cinemage provides quantitative video analysis, color pre-visualization, video signal quality assurance, real time collaboration between acquisition and post production, and an integrated Omnitek™ dual link waveform monitor and vectorscope. With Cinemage you can conduct both critical visual analysis and digital quantitative analysis of 2K, HDSDI 4:2:2 or 4:4:4 in either YCbCr or RGB, linear or logarithmic, at 8 or 10 bits.

Display Technology Leadership

Cine-tal's leading edge technology provides unprecedented solutions for digital video monitoring. Integrated within Cinemage is advanced image processing, signal routing, framestores, color processing (1D & 3D LUTs) and test and measurement all in a network appliance configuration. Internal to Cinemage is a powerful image processor that generates real time data about the HD video stream. The data is used to generate waveforms, vectorscopes, gamut information and status of the incoming video signal. Cinemage provides for full digital calibration of the display to meet Rec709, DCI or custom user defined specifications. Optional automated display profiling software will keep your display calibration optimized. The 1D and 3D LUTs in Cinemage work with color grading tools for on-set pre-visualization or for color gamut mapping for display emulation. All data and operations can be performed over a LAN, WAN with any web-enabled device.



**#OmniTek
inside**

WAVEFORM MONITOR / VECTORSCOPE

Real time 4:4:4 HD waveform monitor and vectorscope. Supports both RGB and YCbCr modes at 8 and 10 bits, linear or logarithmic. Parade and stacked displays. H&V magnifications. The OmniTek option is offered in three configurations: Display Only which provides a single YCbCr full frame waveform parade and a vectorscope display, HD which provides a full function YCbCr or RGB waveform and vectorscope, and HD Dual Link adding 4:4:4 capabilities to the waveform and vectorscope.



WEB APPLIANCE

Cinemage is a web appliance. Many operations and functions are accessible remotely through any web browser. Use your PDA, laptop or tablet PC to control the system, grab and e-mail frames, upload and download color pre-visualization LUTs. Communicate image data with your production partners. Have remote colorists grab frames, create LUTs and load them into Cinemage for color pre-visualization on set.



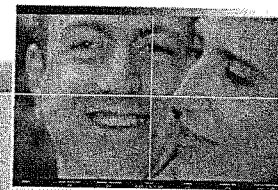
MATCH CAMERAS / SOURCES

Cinemage provides an HD split screen function simultaneously displaying two signal sources. Compare camera inputs for matching, compare captured frames from previous sessions to current input video, and compare a color-graded input to non-graded input for color pre-visualization.



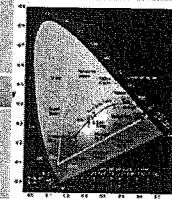
CAGE GENERATOR

An HD cage or graticule generator provides standard and custom cages. Cages can be scaled and positioned anywhere on screen. The external cage area can be set to mask the video for ease of use. Two cages may be displayed at the same time. Cages may be set to mask or transparency mode.



PIXEL LEVEL ANALYSIS

HD RGB or HD-YCbCr data values can be measured for any pixel. When enabled, a cross hair is displayed with line and pixel counts. YCbCr and RGB data values are displayed in the head up display and in the local operator menus. Use in conjunction with pan and zoom to select specific pixels for analysis.

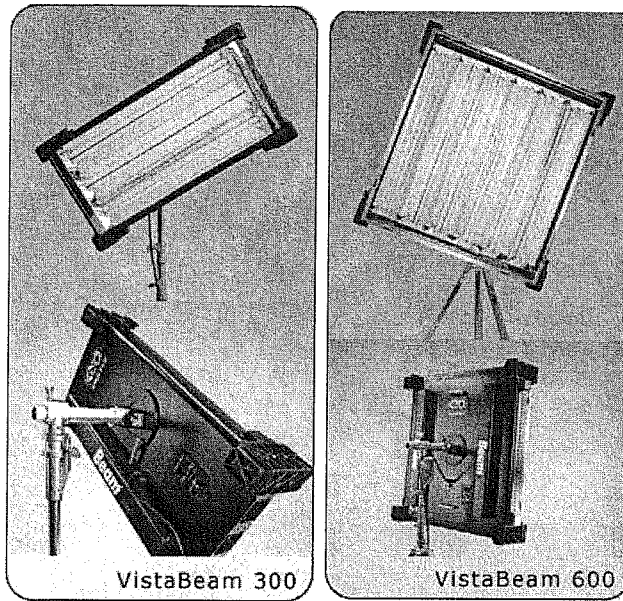


COLOR PRE-VISUALIZATION

A full HD 3D LUT provides color pre-visualization. LUTs can be stored locally, on network storage or on a portable USB datakey. The web appliance interface allows remote colorists to color grade frames and load LUTs from anywhere in the world. Cinemage supports wide range of LUT formats.

www.cine-tal.com

DOCUMENT N°6 : Spécifications photométriques VistaBeam



The VistaBeam® 300 and 600

Specifications	Input Voltage	Output Frequency	Amps	Switching	Lamps
VistaBeam 600 DMX	120VAC 50/60Hz	25kHz	9.1A	1~6	6 x 96W CFL
VistaBeam 600 DMX	230VAC 50/60Hz	25kHz	4.6A	1~6	6 x 96W CFL
VistaBeam 300 DMX	120VAC 50/60Hz	25kHz	4.8A	1~3	3 x 96W CFL
VistaBeam 300 DMX	230VAC 50/60Hz	25kHz	2.4A	1~3	3 x 96W CFL

▼ Photometrics

VistaBeam 600	FC	665	391	199	130	94	70	54	43
	Feet	4	6	8	10	12	14	16	18
VistaBeam 300	FC	384	180	106	68	48	36	28	22
	Feet	4	6	8	10	12	14	16	18

VistaBeam 600	LUX	10701	5124	3650	2078	1453	1098	850	689
	Meters	1	1.5	2	2.5	3	3.5	4	4.5
VistaBeam 300	LUX	5846	2756	1647	1077	786	572	443	356
	Meters	1	1.5	2	2.5	3	3.5	4	4.5