

5.2 Clip features

5.2.1 PDF file searching for specific clip features

The PDF of the user manual may be searched to find clips that match the given CF-words ('CF'= Clip Feature).

5.2.2 Excel file sorting for specific clip features

In addition to the PDF of this manual, an Excel file is provided which lists all the clips and the clip features in columns. This spreadsheet is in Excel .xls format (compatible with Excel versions from 97-2000 and later).

There are two tabs in the spreadsheet:

- ❑ the first tab has the clip set title: this has all the items listed in the manual for the clip
- ❑ the second tab "Clip features" just lists the individual clips, with the list of their clip features and individual columns for each individual clip feature.

Probably the "Clip features" tab is easiest to use to find specific clips with specific features, although every column may be sorted for specific features, by clicking on the drop-down arrow adjacent to each column heading (the examples below are from the T2V001 USA East clip set)

	A	B	C	D	E	F	G
1			GN.01	GN.02	GN.03	GN.04	GN.05
2	Number(s)	File	Filename(s)	Horizontal x vertical size	Progressive / Interlaced	Video format	Bits per sample
3	T2V001001, T2V001101, T2V001201	Bars_countdown	T2V001001_Bars_countdown_1920x1080p.yuv	1920x1080; 1280x720	'p' file suffix = progressive; 'i' YUV planar 4:2:0 (for each of 'HD color		
4	T2V001002, T2V001102, T2V001202	Stars_n_Stripes	T2V001002_Stars_n_Stripes_1920x1080p.yuv	1920x1080; 1280x720	'p' file suffix = progressive; 'i' YUV planar 4:2:0 (for each of 'US flag		
5	T2V001003, T2V001103, T2V001203	Times_Square	T2V001003_Times_Square_1920x1080p.yuv	1920x1080; 1280x720	'p' file suffix = progressive; 'i' YUV planar 4:2:0 (for each of 'Somehw		
6	T2V001004, T2V001104, T2V001204	Chrysler_building	T2V001004_Chrysler_building_1920x1080p.yuv	1920x1080; 1280x720	'p' file suffix = progressive; 'i' YUV planar 4:2:0 (for each of 'Slow zo		
7	T2V001005, T2V001105, T2V001205	Display	T2V001005_Display_1920x1080p.yuv	1920x1080; 1280x720	'p' file suffix = progressive; 'i' YUV planar 4:2:0 (for each of 'Large ou		

Click arrow to get drop-down list of items in this column (example below for 'SS.01 People')

AC	AD	AE	AF
C.10	LC.11	SS.01	SS.02
-	Some	(All) (Top 10...) (Custom...)	One
-	-	Few	-
-	-	Many	-
-	-	One	-
-	-	People	-

Select 'One' to show only clips with 'One' under 'SS.01 People'

Note that this first tab on the spreadsheet is roughly 100 columns wide (from column A to column CZ), so it may be helpful to use the 'Freeze Panes' feature (on the 'Window' menu in Excel 2000 and 2003) or split windows to keep the clip number visible.

The "Clip features" tab appears and can be sorted as indicated below:

A	B	C	D	E	F	G
1	Clip number / name	Clip features	CF-animal	CF-angl	CF-bandin	CF-black_bac
2	T2V001001_Bars_countdown	CF-text, CF-dark_areas, CF-patterns, CF-black_background, CF-round_objects, CF-transitions, CF-large_monochromatic				y
3	T2V001002_Stars_n_Stripes	CF-bright_colours, CF-large_monochromatic, CF-movement_across				
4	T2V001003_Times_Square	CF-panning, CF-complex_scene				
5	T2V001004_Chrysler_building	CF-zoom_in, CF-fine_details, CF-low_contrast, CF-dull_daylight				
6	T2V001005_Display	CF-high_contrast, CF-rapid_changes				
7	T2V001006_Smiling	CF-faces, CF-people				
8	T2V001007_Traffic_duty	CF-faces, CF-text, CF-people				
9	T2V001008_Empire_State	CF-patterns, CF-scroll, CF-faces, CF-hand_held				
10	T2V001009_FDNY	CF-out_of_focus, CF-vehicles				
11	T2V001010_Checked_caps	CF-people, CF-movement_out, CF-patterns				
12	T2V001011_Gold_statue	CF-water, CF-patterns, CF-large_monochromatic				
13	T2V001012_Eyewitness_news	CF-moving_text				

Selecting a drop-down menu and clicking on 'y' reduces the list to those that have that CF value:

The screenshot shows a software interface with a dropdown menu for 'CF-complex_scene' and a table of clip features. The dropdown menu is highlighted with a green circle, and a green arrow points from it to the 'Clip features' table below. The table has columns for 'Clip number / name' and 'Clip features'.

Clip number / name	Clip features
4 T2V001003 Times_Square	CF-panning, CF-complex_scene
34 T2V001033_People_crossing	CF-complex_scene, CF-vehicles, CF-people
36 T2V001035_Pan_left	CF-panning, CF-complex_scene, CF-tracking
45 T2V001044_Times_Sq_night	CF-night, CF-complex_scene, CF-dark_areas, CF-transitions, CF-scene_change, CF-graininess
48 T2V001047_Broadway	CF-night, CF-text, CF-complex_scene

5.2.3 List of 'CF' ('clip features') words used

The PDF of the user manual may be searched to find clips that match the given CF-words ('CF'= Clip Feature).

- | | | |
|-------------------------|-----------------------|------------------------|
| CF-bright_sunlight | CF-bright_daylight | CF-sunrise_sunset |
| CF-dull_daylight | CF-brightness_change | CF-shaded |
| CF-indoors_bright | CF-indoors_dark | CF-night |
| CF-twilight | CF-light_picture | CF-dark_picture |
| CF-high_contrast | CF-black_background | CF-dark_areas |
| CF-low_contrast | CF-white_background | CF-monochromatic |
| CF-people | CF-vehicles | CF-water |
| CF-buildings | CF-faces | CF-text |
| CF-trees | CF-leaves_grass | CF-crowd |
| CF-sky | CF-clouds | CF-complex_scene |
| CF-patterns | CF-reflections | CF-round_objects |
| CF-round | | |
| CF-lines | CF-moire | CF-moving_text |
| CF-fine_details | CF-highlights | CF-light_sky |
| CF-graininess | CF-out_of_focus | CF-depth_of_field |
| CF-bright_colours | CF-dull_colours | CF-large_monochromatic |
| CF-movement_in | CF-movement_out | CF-movement_up/down |
| CF-movement_across | CF-random_movement | CF-diagonal_movement |
| CF-coordinated_movement | CF-from_above | CF-hand_held |
| CF-low_subject_movement | CF-rapid_movement | CF-rapid_changes |
| CF-slow_motion | CF-speeded_up | |
| CF-fast_track_pan | CF-panning | CF-scroll |
| CF-tracking | CF-tracking_following | CF-jerky |

CF-transition

CF-zoom_in

CF-angled

CF-sound_vehicles

CF-sound_other

CF-transitions

CF-zoom_out

CF-
subjects_behind_foreground

CF-sound_talking

CF-wind

CF-fade

CF-rapid_zoom

CF-banding

CF-sound_water

CF-music

6. Detailed information on individual clips

The following pages provide detailed information on the clips in this set.

6.1 Detailed description of each clip

This section contains detailed descriptions of each video clip, and the associated audio.

70 features are listed for each clip: the purpose of providing these descriptions is to make it easier to select specific clips for specific features.

Therefore even if a characteristic does occur in a particular clip, this is not necessarily listed where it is not a prominent feature and/or where it is believed that the clip would not be selected for this particular feature.

Clearly to some extent these descriptions and selections are subjective, and the user is likely to come to their own conclusions as to which are most relevant to their particular codec / situation: the descriptions provided are intended to be an appropriate starting point.

01_Asakusa_man



GN.01	Filename(s)	T2V017n01_Asakusa_man_<xsize>x<ysize><f>rr_<d>b_P<chr>.yuv
GN.02	Horizontal x vertical sizes	1920x1080p50 10-bit 4:2:2 ; 1920x1080p50 8-bit 4:2:0 ; 1920x1080i25 10-bit 4:2:2 TFF; 1920x1080i25 8-bit 4:2:0 TFF; 1280x720p50 8-bit 4:2:0 ; 1280x720p25 8-bit 4:2:0 PAL (720x576i25 8-bit 4:2:0 TFF)
GN.03	Progressive / Interlaced	1080p - Progressive; 1080i - Interlaced TFF; 720p - Progressive; PAL - Interlaced TFF
GN.04	Video format	YUV planar 4:2:2 or 4:2:0
GN.05	Bits per sample	10 or 8 (for each of Y, U, V)
GN.06	Video description	Japanese man looking directly at the camera (with heat-haze in background on rooves)
GN.07	Principal purposes	Continuous random movement of background, with foreground obscuration, and no global movement
GN.08	Duration (mins:secs:frames): '60p' at 59.94 fps; '30i' & '30p' at 29.97 fps	0:23:41 (50p), 0:23:20 (25i and 25p)
GN.09	Number of frames	1,191 (50p) : 595 (25i) : 596 (25p)
GN.10	File sizes on disk (MB) [same order as Horizontal x Vertical sizes]	9,879 : 3,704 : 4,935 : 1,851 : 1,646 : 824 : 370
GN.11	Original video format	1920x1080 progressive 50.0 fps
GN.12	CF-words	CF-bright_daylight, CF-brightness_change, CF-crowd, CF-depth_of_field, CF-faces, CF-movement_across, CF-people, CF-sound_talking, CF-talking_head
GN.13	Associated audio types	MPEG1 Layer II 48kHz 16bit stereo 384kbps Constant Bit Rate : 16bit uncompressed 48kHz stereo WAV
GN.14	Associated audio filenames	T2a017x01_Asakusa_man_act_MP1LII.mpa : T2a017y01_Asakusa_man_act_unc.wav
GN.15	Associated audio description	Actual audio recorded with video
GN.16	Audio duration	Same as video (video played at 50.0fps)

	Clip features	Details		
	LIGHT CONDITIONS		LC.08	Sunrise/sunset -
			LC.09	Night -
LC.01	Bright sunlight	-	LC.10	Backlighting -
LC.02	Bright daylight	All	LC.11	Large brightness change Few
LC.03	Dull daylight	-		SCENE SUBJECTS
LC.04	Shaded areas	-	SS.01	People Many
LC.05	Indoors bright	-	SS.02	Faces Many
LC.06	Indoors dark	-	SS.03	Vehicles -
LC.07	Twilight	-	SS.04	Buildings -

SS.05	Trees	-	GM.08	Angled	-
SS.06	Text	-	GM.09	Zoom in	-
SS.07	Talking head	One	GM.10	Zoom out	-
SS.08	Water	-	GM.11	Hand-held camera	-
SS.09	Leaves/grass	-	SUBJECT MOTION		
SS.10	Sky	-	SM.01	Movement out of picture	-
SS.11	Clouds	-	SM.02	Movement into picture	-
SS.12	Patterns	-	SM.03	Movement across picture	Some
SS.13	Round/curved objects	One	SM.04	Movement up/down	-
SCENE PROPERTIES			SM.05	Diagonal movement	-
SP.01	Depth of field	Shallow	SM.06	Subjects behind foreground objects	Few
SP.02	Out-of-focus	Background	SM.07	Low movement	-
SP.03	Fine lines/moiré patterns	-	SOUND CONTENT		
SP.04	Reflections	-	SC.01	Talking	Some
SP.05	Scene change	-	SC.02	Movement	Footsteps
SP.06	Fades	-	SC.03	Vehicles	-
SP.07	Transitions	-	SC.04	Wind	-
SP.08	Slow/fast motion	-	SC.05	Music	Background
COLOURS & CONTRAST			SC.06	Background	People
CC.01	Light picture	-	SC.07	Other	-
CC.02	Dark picture	-	SOUND CHARACTERISTICS		
CC.03	Bright colours	-	SH.01	Mono/ stereo	Stereo
CC.04	Dull colours	-	SH.02	Average volume	Mid
CC.05	Fine detail/moiré patterns	-	SH.03	Level changes	-
CC.06	High contrast areas	-	SH.04	Clear/ distorted	Clear
CC.07	Large monochromatic areas	-			
CC.08	Graininess	-			
CC.09	Black background	-			
CC.10	White background	-			
GLOBAL MOTION					
GM.01	Fast track/pan	-			
GM.02	Tracking in/out	-			
GM.03	Tracking	-			
GM.04	Panning	-			
GM.05	Tracking (following)	-			
GM.06	Fast scroll	-			
GM.07	Scroll	-			