

TUM Multi Format Test Set

documentation for sequence

720p_cc1



General Information

Content

genre	general information
Sports	Start of a cross country race, very bottom view (Letterbox to 16:9)

Images					Colour Space				
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size	frame rate	standard	number of frames	image format	type of colour space	bit depth	black	white
1280x720	60p	SMPTE 296M	1200	TIFF	RGB	8	16	235

Object Motion			Camera Motion		
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type	speed	type	speed
Regular Non-Rigid-Body motion	fast	No motion	

Colours		Structures	
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main colour	saturated colours	regular structures	details	contrast
	No	No	high	high

Recording

Camera		Camera Settings		
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type	camera model	captured size	frame rate	recorded on
HD Video	Panasonic AJHDC27Fe	1280x720	60p	HD Video

Compression

standard	colour space	colour subsampling	compression ratio	bit depth	data rate
HD-DVCPPro	YUV	4:1:1	6,7:1	8	100 Mbit/s

Post Production

Camera

upsampling filter	manufacturer of upsampling box	colour correction
none	None	No

Additional Compression

standard	colour space	colour subsampling	compression ratio	bit depth	data rate
None					

TUM Multi Format Test Set

documentation for sequence

720p_soccer1



General Information

Content

genre	general information
Sports	Camera behind the goal following one attack

Images

size	frame rate	standard	number of frames	image format
1280x720	60p	SMPTE 296M	780	TIFF

Colour Space

type of colour space	bit depth	black	white
RGB	8	16	235

Object Motion

type	speed
Non-Rigid-Body motion	medium

Camera Motion

type	speed
Boom	medium

Colours

main colour	saturated colours
	No

Structures

regular structures	details	contrast
Yes	high	high

Recording

Camera

type	camera model
HD Video	Panasonic AJHDC27Fe

Camera Settings

captured size	frame rate	recorded on
1280x720	60p	HD Video

Compression

standard	colour space	colour subsampling	compression ratio	bit depth	data rate
HD-DVCPPro	YUV	4:1:1	6,7:1	8	100 Mbit/s

Post Production

Camera

upsampling filter	manufacturer of upsampling box	colour correction
none	None	No

Additional Compression

standard	colour space	colour subsampling	compression ratio	bit depth	data rate
None					

TUM Multi Format Test Set

documentation for sequence

720p_soccer2



General Information

Content

genre	general information
Sports	Camera following the game, quite close shot

Images

size	frame rate	standard	number of frames	image format
1280x720	60p	SMPTE 296M	660	TIFF

Colour Space

type of colour space	bit depth	black	white
RGB	8	16	235

Object Motion

type	speed
Non-Rigid-Body motion	fast

Camera Motion

type	speed
Pan	medium

Colours

main colour	saturated colours
	No

Structures

regular structures	details	contrast
Yes	high	high

Recording

Camera

type	camera model
HD Video	Panasonic AJHDC27Fe

Camera Settings

captured size	frame rate	recorded on
1280x720	60p	HD Video

Compression

standard	colour space	colour subsampling	compression ratio	bit depth	data rate
HD-DVCPPro	YUV	4:1:1	6,7:1	8	100 Mbit/s

Post Production

Camera

upsampling filter	manufacturer of upsampling box	colour correction
none	None	No

Additional Compression

standard	colour space	colour subsampling	compression ratio	bit depth	data rate
None					

TUM Multi Format Test Set

documentation for sequence

720p_soccer3



General Information

Content

genre	general information
Sports	Many players in the foreground struggling for the ball

Images

size	frame rate	standard	number of frames	image format
1280x720	60p	SMPTE 296M	600	TIFF

Colour Space

type of colour space	bit depth	black	white
RGB	8	16	235

Object Motion

type	speed
Non-Rigid-Body motion	medium

Camera Motion

type	speed
Pan	medium

Colours

main colour	saturated colours
	No

Structures

regular structures	details	contrast
Yes	high	high

Recording

Camera

type	camera model
HD Video	Panasonic AJHDC27Fe

Camera Settings

captured size	frame rate	recorded on
1280x720	60p	HD Video

Compression

standard	colour space	colour subsampling	compression ratio	bit depth	data rate
HD-DVCPPro	YUV	4:1:1	6,7:1	8	100 Mbit/s

Post Production

Camera

upsampling filter	manufacturer of upsampling box	colour correction
none	None	No

Additional Compression

standard	colour space	colour subsampling	compression ratio	bit depth	data rate
None					

TUM Multi Format Test Set

documentation for sequence

720p_soccer4



General Information

Content

genre	general information
Sports	Camera following the game, zoom in at the end

Images

size	frame rate	standard	number of frames	image format
1280x720	60p	SMPTE 296M	660	TIFF

Colour Space

type of colour space	bit depth	black	white
RGB	8	16	235

Object Motion

type	speed
Non-Rigid-Body motion	fast

Camera Motion

type	speed
Pan, Zoom	medium

Colours

main colour	saturated colours
	No

Structures

regular structures	details	contrast
Yes	high	high

Recording

Camera

type	camera model
HD Video	Panasonic AJHDC27Fe

Camera Settings

captured size	frame rate	recorded on
1280x720	60p	HD Video

Compression

standard	colour space	colour subsampling	compression ratio	bit depth	data rate
HD-DVCPPro	YUV	4:1:1	6,7:1	8	100 Mbit/s

Post Production

Camera

upsampling filter	manufacturer of upsampling box	colour correction
none	None	No

Additional Compression

standard	colour space	colour subsampling	compression ratio	bit depth	data rate
None					

TUM Multi Format Test Set

documentation for sequence

720p_soccer5



General Information

Content

genre **Sports** general information **Camera following two different players**

Images

size	frame rate	standard	number of frames	image format
1280x720	60p	SMPTE 296M	600	TIFF

Colour Space

type of colour space	bit depth	black	white
RGB	8	16	235

Object Motion

type **Non-Rigid-Body motion** speed **medium**

Camera Motion

type **Pan** speed **medium**

Colours

main colour saturated colours **No**

Structures

regular structures **Yes** details **high** contrast **high**

Recording

Camera

type **HD Video** camera model **Panasonic AJHDC27Fe**

Camera Settings

captured size **1280x720** frame rate **60p** recorded on **HD Video**

Compression

standard	colour space	colour subsampling	compression ratio	bit depth	data rate
HD-DVCPPro	YUV	4:1:1	6,7:1	8	100 Mbit/s

Post Production

Camera

upsampling filter **none** manufacturer of upsampling box **None** colour correction **No**

Additional Compression

standard	colour space	colour subsampling	compression ratio	bit depth	data rate
None					

TUM Multi Format Test Set

documentation for sequence

720p_soccer6



General Information

Content

genre	general information
Sports	Many players in the foreground struggling for the ball

Images

size	frame rate	standard	number of frames	image format
1280x720	60p	SMPTE 296M	600	TIFF

Colour Space

type of colour space	bit depth	black	white
RGB	8	16	235

Object Motion

type	speed
Non-Rigid-Body motion	medium

Camera Motion

type	speed
Pan	medium

Colours

main colour	saturated colours
	No

Structures

regular structures	details	contrast
No	high	high

Recording

Camera

type	camera model
HD Video	Panasonic AJHDC27Fe

Camera Settings

captured size	frame rate	recorded on
1280x720	60p	HD Video

Compression

standard	colour space	colour subsampling	compression ratio	bit depth	data rate
HD-DVCPPro	YUV	4:1:1	6,7:1	8	100 Mbit/s

Post Production

Camera

upsampling filter	manufacturer of upsampling box	colour correction
none	None	No

Additional Compression

standard	colour space	colour subsampling	compression ratio	bit depth	data rate
None					

TUM Multi Format Test Set



Contact

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