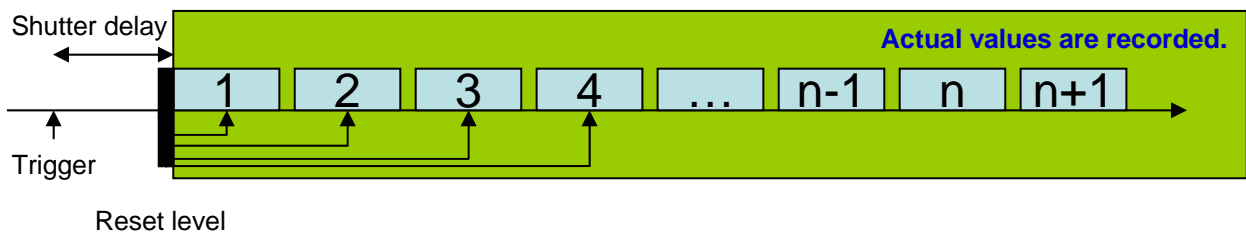


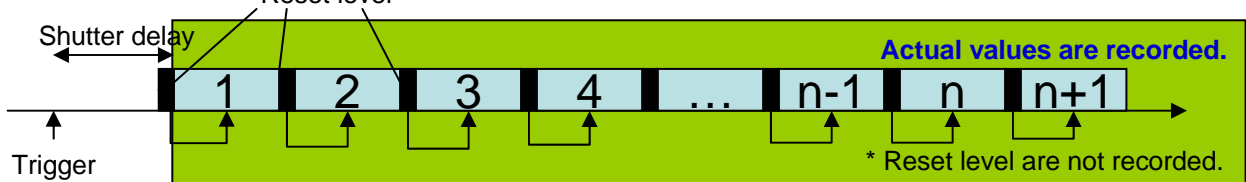
Acquisition mode of MiCAM ULTIMA

Recording	Mode	On BV_Ana	Function
Single shot These modes save the intensity value without reference frame so that real movie is available later.	FPN	FPN	Actual intensity values are recorded and saved in the data. The Reset level of pixels are read just only before the first frame. This mode is available up to 10kHz.
	CDS	CDS	Actual intensity values are recorded and saved in the data. The Reset level of pixels are read just before every frame. This mode is available up to 5kHz.
Averaging These modes save the difference value from the reference so that averaged recording is available.	DIF-FPN	DEF	The saved values in all frames by FPN are subtracted by the reference which is the average of 4 frames just before the recording. This mode is available up to 10kHz.
	DIF-CDS	DIF	The saved values in all frames by CDS are subtracted by the reference which is the average of 4 frames just before the recording. This mode is available up to 5kHz.

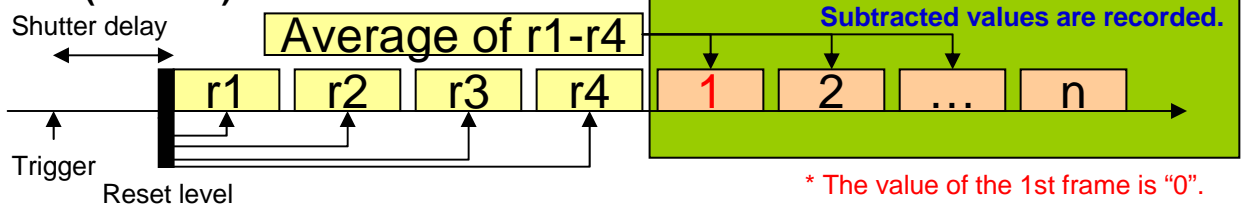
FPN mode



CDS mode



DEF (DIF-FPN) mode



DIF (DIF-CDS) mode

