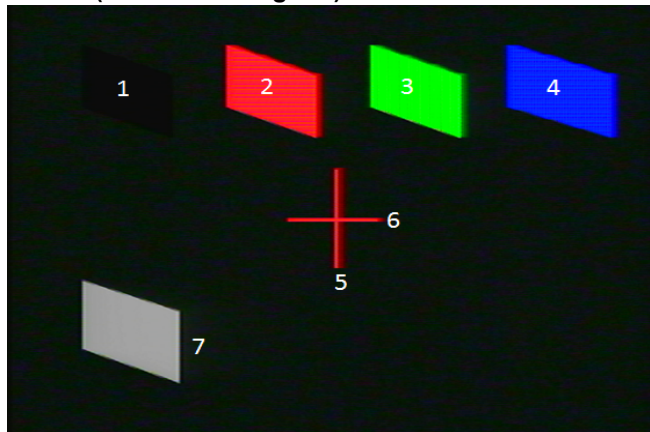| Sub Menu	Item	Options	Setting	Notes
AVSYSTEMS	EXPOSURE	NORMAL/BLI/WDR/HLI	NORMAL	
	SENSE UP	OFF/X2 .. X1024	OFF	
	AGC	OFF/12DB/24DB/36DB	See note 1	OFF turns off INTMUL (in-camera stacking)
	INTG	MANUAL/DC IRIS	MANUAL	X1024 .. X2/AUTO/(1/50) .. (1/00000) See note 8
	BRIGHTNESS	0 .. 99	See note 2	Start at 99
COLOR	WB MODE	ATW/AWB/MANUAL	MANUAL	RED 62 – 65, BLUE 100 – 105. Adjust R & B. See note 7
DAY & NIGHT	MODE	DAY/NIGHT	DAY	DAY = colour, NIGHT = mono. See note 6
	BURST	OFF/ON	OFF	
EFFECT	FREEZE	OFF/ON	OFF	
	MIRROR	OFF/HORI/VERT/ROTATE	OFF	
	D. ZOOM	OFF/ON	OFF	
	SHARPNESS	0 .. 49	25	
	STABILIZER	OFF/ON	OFF	
MOTION	MOTION DET	OFF/ON	OFF	
TSTBARS	BAR SELECT	1 .. 8	See note 3	Diagram for test bars
	MODE	OFF/ON	OFF	
	COLOR	0 .. 7	see note 4	Colour for test bars
	T L	50 .. 75	50	
	BOTL	29 .. 50	50	
	TOP R	75 .. 216	75	
	BOTT R	50 .. 75	75	
	MOVE	41 .. 203	62	
PROCAMP	GAMMA	0.3/0.45/0.6/1.0	0.3 or 0.45	See note 5
	INTMUL	0/1/2/3/4/5	5	5 turns on in-camera stacking, 0 to disable
	MONITOR	CRT/LCD	as appropriate	
	DPC	OFF/AUTO	AUTO	
	VIGN. CORR	0 .. 50	0	
SYSTEM	COMM ID	0 .. 254	1	*** MUST BE 1
	AV SYS	V DSO-1	V DSO-1	
	BAUDRATE	2400/4800/9600/14400/19200/38400	38400	2015 DSO-1, earlier model is 19200
	TITLE	OFF/ON	OFF	For adding text
	LANGUAGE	ENGLISH/CHINESE		
	SYNC	INTER/AUTO	INTER	

Note 1 (AGC)
36 for deep sky
OFF for lunar
12 .. 36 for planets
OFF turns off in-camera stacking?

Note 2 (BRIGHTNESS)
Start at 99, lower if over exposed

Note 3 (TEST BAR diagram)

Note 4 (TEST BAR colours)
0=black   4=red
1=blue   5=purple
2=green   6=yellow
3=turquoise 7=white

Note 8 (INTG)
If caught between 2 values (over exposed & under exposed)
then use over exposed and compensate by
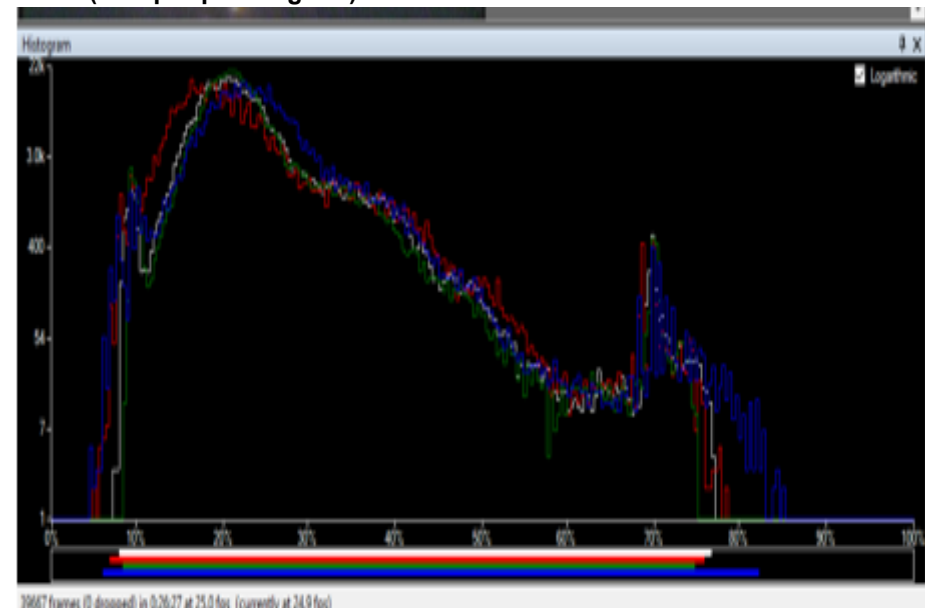reducing BRIGHTNESS.

Note 5 (GAMMA)
0.3 or 0.45 for deep sky
Set to value for best view for planets
Lower for lunar

Note 6 (DAY & NIGHT)
DAY for deep sky
NIGHT (mono) for deep sky faint object
DAY for colour
NIGHT for lunar maximum resolution

Note 7 (SharpCap Histogram)

Must not touch left or right to avoid clipping (results in lost detail).
Try for Red and Blue bars level at each end. Use COLOR > WB MODE to adjust.
In this graphic, blue needs to be reduced slightly.

If doing **Live Stack** then compare output with in-camera stacking both OFF and ON.