

En Recommended Zebra Pattern Values for R3D NE Footage at Different ISO Levels

Select the brightness detection range in Custom Setting g16 **[Zebra pattern]** to show zebra patterns in the shooting display when the **[Video file type]** is set to **[R3D NE 12-bit (R3D)]** in the video recording menu. The following table shows the recommended values when **[Pattern tone range]** is set to **[Mid-tones]** or **[Highlights]**. The recommended values will also vary with the option selected for Custom Setting g15 **[3D LUT]**.

- **[Low sensitivity]** selected for **[ISO sensitivity settings] > [Base ISO sensitivity]** in the video recording menu:

Video recording menu [ISO sensitivity settings] > [ISO sensitivity] (base ISO sensitivity set to 800)	Recommended value for g16 [Zebra pattern] > [Mid-tone range] > [Value] *1		Recommended value for g16 [Zebra pattern] > [Highlight threshold]	
	g15 [3D LUT] set to [OFF]	g15 [3D LUT] set to [ON] *2	g15 [3D LUT] set to [OFF]	g15 [3D LUT] set to [ON] *2
200	85	110	145	230
220	85	110	150	230
250	85	110	150	235
280	85	110	155	235
320	85	110	160	235
360	85	110	160	235
400	85	110	165	240
450	85	110	165	240
500	85	110	170	240
560	85	110	170	240
640	85	110	175	245
720	85	110	180	245
800	85	110	180	245
900	85	110	185	245
1000	85	110	185	245
1100	85	110	190	245
1250	85	110	190	250
1400	85	110	195	250
1600	85	110	200	250
1800	85	110	200	250
2000	85	110	205	250
2200	85	110	205	250
2500	85	110	210	250
2800	85	110	210	250
3200	85	110	215	250

*1 When exposure is measured using a standard 18% gray card.

*2 When using the **[REC.709]** LUT stored in the camera by default.

- **[High sensitivity]** selected for **[ISO sensitivity settings] > [Base ISO sensitivity]** in the video recording menu:

Video recording menu [ISO sensitivity settings] > [ISO sensitivity] (base ISO sensitivity set to 6400)	Recommended value for g16 [Zebra pattern] > [Mid-tone range] > [Value] *1		Recommended value for g16 [Zebra pattern] > [Highlight threshold]	
	g15 [3D LUT] set to [OFF]	g15 [3D LUT] set to [ON] *2	g15 [3D LUT] set to [OFF]	g15 [3D LUT] set to [ON] *2
1600	85	110	145	230
1800	85	110	150	230
2000	85	110	150	235
2200	85	110	155	235
2500	85	110	160	235
2800	85	110	160	235
3200	85	110	165	240
3600	85	110	165	240
4000	85	110	170	240
4500	85	110	170	240
5000	85	110	175	245
5600	85	110	180	245
6400	85	110	180	245
7200	85	110	185	245
8000	85	110	185	245
9000	85	110	190	245
10000	85	110	190	250
11400	85	110	195	250
12800	85	110	200	250
14400	85	110	200	250
16000	85	110	205	250
18000	85	110	205	250
20000	85	110	210	250
22800	85	110	210	250
25600	85	110	215	250

*1 When exposure is measured using a standard 18% gray card.

*2 When using the **[REC.709]** LUT stored in the camera by default.

The [R3D NE 12-bit (R3D)] Video File Type

We recommend setting **[Vignette control]** to **[Off]** in the video recording menu when this option is selected.

Brightness Information Display for R3D NE Footage

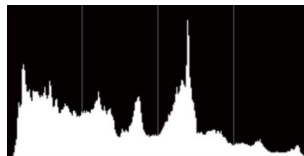
The tone mode is fixed at Log3G10 when **[R3D NE 12-bit (R3D)]** is selected. Log3G10 is a gamma curve designed for a wide dynamic range intended for post-production color grading, resulting in different exposure control from other tone modes. The way brightness information appears in the monitor differs between **[R3D NE 12-bit (R3D)]** and other video file types even when shooting the same subject. You can select the type of brightness information from **[Histogram]** or **[Wave-form monitor]** in Custom Setting g19 **[Brightness information display]**.

- Selecting **[Histogram]**:

When recording subjects with low contrast, the histogram is often compressed into around the left half of the display, with less information displayed on the right side of the histogram.



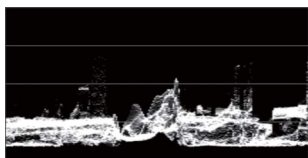
Recorded with **[R3D NE 12-bit (R3D)]**



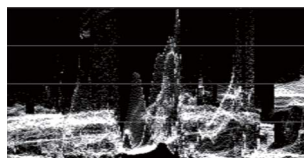
Recorded with a video file type other than **[R3D NE 12-bit (R3D)]**

- Selecting **[Wave-form monitor]**:

When recording subjects with low contrast, the waveform is often compressed into around the lower half of the display. The highlight limit position is shifted downward from its normal position.



Recorded with **[R3D NE 12-bit (R3D)]**



Recorded with a video file type other than **[R3D NE 12-bit (R3D)]**
