

AER PACKET FORMAT

[COLUMN PACKET]

31	30	29	28	27	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	0
0	0	0	0	0	1	C	0	MO	GR	S	CFG	0	Frame number(8)								Column address (11)										

- [31:26] : Packet type
- [25] : Channel ID in case of multi dvs
- [24] : Reserved
- [23] : Mirror mode. It is minus offset. Group address := (MO==1) ? Group1 address - offset : Group1 address + offset
- [22] : The frame is applied global reset when global reset interleave mode.
- [21] : First column packet only has "1" value in a frame
- [20] : Configure change is applied.
- [19] : Reserved
- [18:11] : Frame number
- [10:0] : Column address in a frame

[FRAME END PACKET]

31	30	29	28	27	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	0
0	0	0	0	1	1	C	0	0	0	0	CFG	0	Frame number(8)								0	0	0	0	0	0	0	0	0	0	0

- [31:26] : Packet type
- [25] : Channel ID in case of multi dvs
- [24:21] : Reserved
- [20] : Configure change is applied.
- [19] : Reserved
- [18:11] : Frame number
- [10:0] : Reserved

[TIMESTAMP PACKET]

- REFERENCE TIMESTAMP

31	30	29	28	27	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	0
0	0	0	0	1	0	C	0	0	0	Reference timestamp (22)																					

- [31:26] : Packet type
- [25] : Channel ID in case of multi dvs
- [24] : Reserved
- [23] : Reference timestamp indicator
- [21:0] : Reference timestamp value

31	30	29	28	27	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	0
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- SUB TIMESTAMP

31	30	29	28	27	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	0
0	0	0	0	1	0	C	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	Sub timestamp (10)									

- [31:26] : Packet type
- [25] : Channel ID in case of multi dvs
- [24] : Reserved
- [23] : Sub timestamp indicator
- [21:0] : Reference timestamp value