

## Velodyne tech info

### Углы склонения лазеров

-30.67,  
-9.33,  
-29.33,  
-8.00,  
-28.00,  
-6.66,  
-26.66,  
-5.33,  
-25.33,  
-4.00,  
-24.00,  
-2.67,  
-22.67,  
-1.33,  
-21.33,  
0.00,  
-20.00,  
1.33,  
-18.67,  
2.67,  
-17.33,  
4.00,  
-16.00,  
5.33,  
-14.67,  
6.67,  
-13.33,  
8.00,  
-12.00,  
9.33,  
-10.67,  
10.67

Разделитель 0xFF 0xEE

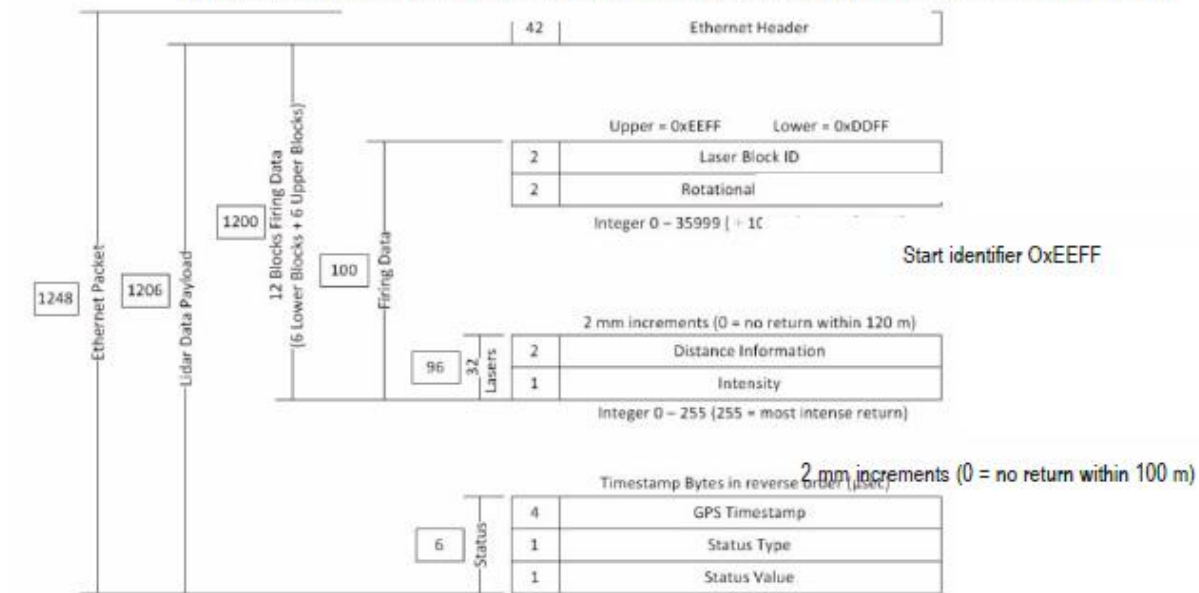
Далее 2 байта азимута     $\text{угол} = ([3] * 256 + [2]) / 100$

Начиная с байта 4    записи данных с каждого лазера

Дистанция     $([5] * 256 + [4]) * 0.002$

Отражение    [6]

## User Datagram Protocol (UDP) Ethernet Data Packet Format: HDL-32E (Port 2368)



Status Type Rotates Through				Status Value Example		
Hex	ASCII	String	Description	Hex	ASCII	
48	72	H	Hours	15	21	21 Hours (9 pm)
4D	77	M	Minutes	3B	19	19 Minutes
53	83	S	Seconds	37	55	55 Seconds
44	68	D	Date	0F	15	15 <sup>th</sup> day of the Month
4E	78	N	Month	0C	12	12 <sup>th</sup> Month (December)

GPS Status Values		
Hex	ASCII	String and Definition
41	65	A = GPS receiving both sync signal and NMEA time command record
56	86	V = GPS receiving NM time command record only
50	80	P = GPS receiving sync signal only

Blank

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