

Ultra Score Data Out Protocol (for Weightlifting)

The Data Out function of Ultra Score program can export the real time timing and scoring data with UDP broadcast.

The broadcast is on port **2800**. Any software in the same network as Ultra Score can listen on this port to receive the real time data.

1. Attempt Data

Item	Length	
Head	2 BYTES	0xFF 0xFE
ID	2 BYTES	0x86 0x08 for real time data
System ID	1 BYTE	Identify each system in one stadium. 0x01 by default.
Length	2 BYTES	0x0B 0x00 (Length=11)
Number	3 BYTES	Number in ASCII.
Phase	1 BYTE	0x01 = Snatch 0x02 = Clean & Jerk
Attempt	1 BYTE	0x01 = Attempt 1 0x02 = Attempt 2 0x03 = Attempt 3
Attempt Weight	3 BYTES	Weight value in ASCII, ex: 0x37 0x35 0x00 for 35KG
Referee 1 Decision	1 BYTE	0x00 = None 0x01 = Success 0x02 = Failed
Referee 2 Decision	1 BYTE	
Referee 3 Decision	1 BYTE	
Foot	2 BYTES	0xFD 0xFC

2. Next Attempt Data

Item	Length	
Head	2 BYTES	0xFF 0xFE
ID	2 BYTES	0x87 0x08 for real time data
System ID	1 BYTE	Identify each system in one stadium. 0x01 by default.
Length	2 BYTES	0x08 0x00 (Length=8)
Number	3 BYTES	Number in ASCII.
Phase	1 BYTE	0x01 = Snatch 0x02 = Clean & Jerk
Attempt	1 BYTE	0x01 = Attempt 1 0x02 = Attempt 2

		0x03 = Attempt 3
Attempt Weight	3 BYTES	Weight value in ASCII, ex: 0x37 0x35 0x00 for 35KG
Foot	2 BYTES	0xFD 0xFC