DarkSky Communication Protocol

| 1 Monitor |
| 2 Telemetry |
| 3 Command |

Application

Service ID	...

Transport

TCP (0x06)

Source Port	Dest Port	Seq. Nr.	Ack. Nr.	Control Flags	Length	Data

UDP (0x11)

Source Port	Dest Port	Length	Data

Network

Protocol ID	Total Length	Source Addr	Dest Addr	Packet

DataLink

1 byte	1 byte	1 byte – 251 byte	2 byte

0x01 (SOH)	Length 4 - 255	Data Frame	CRC 16	CRC 16

Length of Data Frame

...	0x10 (DLE)	0x20 (Data)	...	0x10 (DLE)	0x31 (Data)

| | | 0x01 XOR 0x21 | | | 0x10 XOR 0x21 |

DLE Examples

Physical

XBEE Data Frame