

# Technical Datasheet

# C<sup>2</sup>



## Command & Control | Basic (10km) - ASCEND / TRANSITION

### Dimensions

Length	630 mm
Width	394 mm
Height	208 mm

### Weight

Ground Control Station	12 kg
Volumetric Weight	14 kg (Avg) (Shipping Purposes)
Case	Pelican 1555 AIR

### Hardware

Intel NUC8	
Storage (SSD)	120 GB
Display	2x ASUS 15.6" HD Monitors
HDMI Out	1x External UHD Compatible
USB	3x External USB 3.0 Ports
Bluetooth	5
LAN	1x External LAN port
Cooling	2x Active Cooling Fans
Pilot Controller	Futaba
Keyboard & Mouse	Microsoft
Main AC Power	19V
Battery Power	2 x 9000mAh 4S Lipo
Intelligent Power Management	Yes

### Groundside Link

Data Link: 2.4GHz  
TaiSync Ethernet-in-Ethernet-out

### Antenna:

1 x Omni Antenna, 4 Section Collinear, 6 dBi Gain  
1 x Cylindrical Sector Antenna, 12 dBi Gain

Control Link: 868/915 MHz

TBS Crossfire \*(Not Included with the Ascend)

### Antenna:

1 x TBS Diamond Antenna Gain: 2.88dB

### Airside Link

Data Link: 2.4GHz  
TaiSync Ethernet-in-Ethernet-out

### Antenna:

2x Omni Antenna, Half Wave Dipole 2.15 dBi

Control Link: 868/915 MHz

TBS Crossfire

### Antenna:

2 x Custom Build 1/4 Wave dipole antennas 0dBi Gain



v2020.2 | All information subject to change without notice