

Technical Datasheet

C²



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