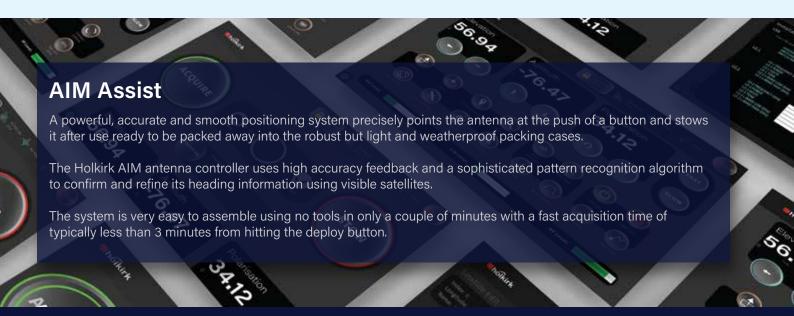


- No tools required
- Carbon fibre reflector
- BUC mounting on elevation head
- Up to 400W Tx power
- Manual overrides on all axis

- X, Ku and Ka band
- Pointing assist
- Auto-acquire
- Tracking controller
- Quick connect waveguide couplers



Unit 19 Wilstead Business Park Wilstead Bedfordshire MK45 3PD



Technical Information

Antenna

Deflectes sectorial	Carlana Clara
Reflector material	Carbon fibre
f/D	0.8
Geometry	Single offset
Ambient Temp	
Operational	-20°C to +55°C
Storage	-40°C to +70°C
Solar radiation	1,200 W/m2
Operating humidity	100% condensing
Altitude	
Operational	3,000m (9,850 ft)
Survival	10,000m (32,800 ft)
Wind Speed	
Operational	30 mph (48kph)
Survival	60 mph (97 kph)
Azimuth range	Continuous 360° manual, ±90 auto
Elevation range	5 - 90°
Polaristaion	± 95°
Packaging	5 cases <23kg IATA

Electrical

X Band	
TX Frequency	7.9 - 8.4 GHz
RX Frequency	7.25 - 7.75 GHz
Gain TX	40.3 dBi
Gain RX	39.5 dBi
Ku Band	
TX Frequency	13.75 - 14.5 GHz
RX Frequency	10.7 - 12.75 GHz
Gain TX	45.5 dBi
Gain RX	43.7 dBi
Ka Band	
TX Frequency	27.5 - 30.0 GHz
RX Frequency	18.2 - 21.2 GHz
Gain TX	51.0 dBi
Gain RX	47.1 dBi



MK45 3PD