



SCAN Active Antenna for Thuraya IP

SCAN Active Antenna is designed to provide reliable connectivity through your Thuraya IP, thus enhancing the performance of Standard IP and Streaming IP.

The antenna is best suited for customers in the media industry who require a compact, reliable and easy to carry/setup solution for streaming videos while on the field. SCAN Active Antenna connects quickly and conveniently as if you were back in the news room.

Key Features:

- Enables 384 kbps streaming IP uplink and downlink
- Compact in size and easy to carry
- Cable length up to 30m
- Easily pointed towards satellite
- Built-in GPS antenna
- Battery powered for portable use
- DC powered for fixed installations

Physical Characteristics

Weight	1.55kg without battery
	1.80kg with battery
Size	270mm x 155mm x 60mm
Colour	Light grey radome with grey aluminium base
Cable	Fixed length coaxial cables (6m, 10m, 15m, 30m)

Bandwidth Capabilities

Streaming IP	Enables 384 kbps uplink and downlink
--------------	--------------------------------------

Tolerances

Operating temperature range	0C to +55C when using DC power
	0C to +50C when using batteries
	0C to +40C when charging batteries
Survival temperature range	-20C to +60C with battery included
	-40C to +85C without battery
Environmental conditions	Ingress protection IP55

Electrical

Transmission	Receive mode G/T: Min. -18dB/K, typ -16dB/K
	Transmit mode EIRP: Min. 15dBW, typ 16dBW
Frequency	1525.0 - 1559.0 MHz 1626.5 - 1660.5 MHz
Polarisation	LHCP
Axial ratio	<2dB
Power	Consumption: Min 3W, typ 18W, max 24W
	Supply: 12 - 24 V DC via coax 19V charging voltage
Connector	QMA (snap-on) female

Battery

Battery type	Rechargeable Li-Ion
Battery life	>300 charge cycles
Transmit time	Standard mode >3hrs 384 kbps streaming >1hr

GPS

RHCP patch antenna	
Frequency	1575.42 MHz
Gain	25dB
NF	1.2dB
Power supply	3 - 5,5 V
Power consumption	0.1W
Connector	QMA (snap-on) female

SCAN ANTENNA A/S
 Dyregaardsvej 1-3
 2740 Skovlunde
 Denmark
 Tel: (+45) 4333 1620
 Fax (+45) 4494 1099
 Email: info@scan-antenna.com
 Website: www.scan-antenna.com

