



Smart Antenna Receivers

At a Glance



High Precision																		
Model	Notes	Description	Mount	Typical Application	Voltage	Over-Voltage	L1	L2	L5	L-Band	CLAS	Active Filtering	Con Const	SBAS	Chan	Tx/Rx Signalling	1PPS Signalling	Rating
TW5784		GNSS(USB) Precision Smart Antenna L1+L2+1PPS: 33-5784-19-yy-zz	Magnetic	Precise Positioning (Base/Rover)	USB 5V		✓	✓	opt			XF	4	✓	184	USB	NA	IP67
TW5786		GNSS(USB) Precision Smart Antenna L1+L2+UDR+1PPS: 33-5786-19-yy-zz	Magnetic	Dead Reckoning - Precise Position (Rover)	USB 5V		✓	✓			opt	XF	4	✓	184	USB	NA	IP67
TW5790		GNSS(USB) Precision Smart Antenna L1+L2+LBAND+UDR+1PPS: 33-5790-19-yy-zz	Magnetic	Dead Reckoning - Precise Position - Satellite Corrections (Rover)	USB 5V		✓	✓		✓		XF	4	✓	184	USB	NA	IP67
TW5794		GNSS(USB) Precision Smart Antenna L1+L2+LBAND+1PPS: 33-5794-19-yy-zz	Magnetic	Dead Reckoning - Precise Position - Satellite Corrections (Base/Rover)	USB 5V		✓	✓		✓		XF	4	✓	184	USB	NA	IP67
HCS885XF		GNSS Smart Helical Antenna for Precise Heading L1+L5 33-HCS885XF-x9	Flush Surface Mount 3x M2.5 screws	Precise Heading Drones, Robotics (Moving Base / Rover)	5 VDC		✓		✓			XF	4	✓	184	CMOS/ RS232	Opt	IP67
HCS885EXF		GNSS Smart Embedded Helical Antenna for Precise Heading L1+L5 33-HCS885XF-x9	Flush Surface Mount Customer Defined	Precise Heading Drones, Robotics (Moving Base / Rover)	5 VDC		✓		✓			XF	4	✓	184	CMOS/ RS232	Opt	IP67

Ordering Format: 33-5***-xv-yv-zz

x = Interface: x = 0 : RS422/485; 1 : USB; 2 : RS232; 3 : USB, BLE, WIFI | **v = Voltage:** v = 7 : 5 - 36V; 9 : 5V | **yy = Radome:** yy = 00 : grey conical; 01 : white conical; 10 : grey low profile; 11 : white low profile | **zz = length in meters:** zz = 05 Standard 5 meters; 15m, 25m special order | **PCO** - default factory programming

Available Product Options

TW5384L5	MOQ	GNSS (RS422) Precision Smart Antenna L1+L5+1PPS: 33-5384L5-07-yy-zz	Thru-Hole	Precise Position (Base/Rover)	5-36V	opt	√		√			XF	4	√	184	RS422/485	RS422/485	IP69K
TW5384	MOQ	GNSS (RS232) Precision Smart Antenna L1+L2+1PPS: 33-5384-27-yy-zz	Thru-Hole	Precise Position (Base/Rover)	5-36V	opt	√	√				XF	4	√	184	RS232	RS422/485	IP69K
TW5384L5		GNSS (RS232) Precision Smart Antenna L1+L5+1PPS: 33-5384L5-27-yy-zz	Thru-Hole	Precise Position (Base/Rover)	5-36V	opt	√		√			XF	4	√	184	RS232	RS422/485	IP69K
TW5784L5		GNSS (USB) Precision Smart Antenna L1+L5+1PPS: 33-5784L5-19-yy-zz	Magnetic	Precise Position (Base/Rover)	USB 5V	opt	√		√			XF	4	√	184	USB	NA	IP67
TW5386		GNSS (RS232) Precision Smart Antenna L1+L2+UDR+1PPS: 33-5386-27-yy-zz	Thru-Hole	Dead Reckoning - Precise Position (Rover)	5-36V	√	√	√				XF	4	√	184	RS232	RS422/485	IP69K
TW5390C		GNSS (RS422) Precision Smart Antenna L1+L2+-CLAS+UDR+1PPS: 33-5390C-09-yy-zz	Thru-Hole	Dead Reckoning - Precise Position - Satellite (Rover)	5V		√	√			√	XF	4	√	184	RS422/485	RS422/485	IP69K
TW5790C		GNSS (USB) Precision Smart Antenna L1+L2+-CLAS+UDR+1PPS: 33-5790C-19-yy-zz	Magnetic	Dead Reckoning - Precise Position - Satellite (Rover)	USB 5V		√	√			√	XF	4	√	184	USB	NA	IP67

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