



EMBENTION

Enabling drones
to populate our skies



VERONTE T28

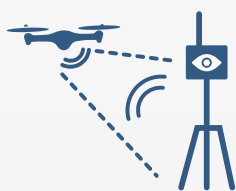
TRACKING SYSTEMS

HIGH-PRECISION TRACKING ANTENNA SYSTEM

Single or dual antenna tracker designed for long-range communications.

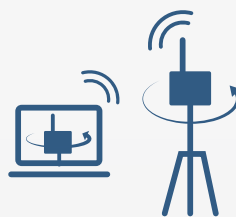
Compatible with patch, parabolic grid, and yagi antennas with 360 continuous rotation and auto-tracking.

HIGH-PRECISION TRACKING ANTENNA SYSTEM



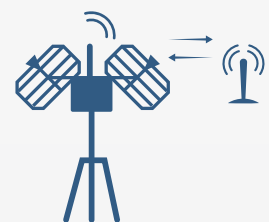
AUTO-TRACKING ANTENNA

Automatically points the antenna towards the vehicle using position and altitude.



EXTERNAL ANTENNA CONTROL

Control from external sources using position + altitude, orientation, or relative angles.



DATALINK COMPATIBILITY

Install third-party datalinks in the expansion bay, using a single or dual antenna.



VERONTE
AUTOPILOTS



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MAIN FEATURES

Tracking antenna	Auto-tracking External control (manual/auto)
Antennas	Single or dual directional & omni
Directional antennas	Patch Yagi Parabolic grid
Omni antenna	Communications in the short range
Tripod	Interchangeable Adjustable height up to 3m
Pan & tilt positioning	+360° continuous pan axis 0-90° tilt axis
Applications	Military & Civil operations R&D Programs

DATALINK

Compatibility	Veronte SDL Third-party
Implemented with	Silvus, Microhard, etc.
Installation	Protected user bay for electronics
Communications	RS232 and/or Ethernet
Antennas	2x pre-wired antenna ports SMA

CONTROL

Control module	Veronte Control Station PCS
Auto-tracking	Position & altitude
External control	Position Relative angle Absolute position
Plug & fly	Direct compatibility with Veronte Autopilot
Integration	CAN Bus RS232
Stick	Configurable for manual control

ROBUST CONSTRUCTION

Material	Anodized aluminium
Pan-tilt unit weight	17kg (w/o antennas and PCS)
Mast weight	24,55kg
Temperature range	0 to 60°C
Protection	IP54
Head transport	Rugged hard plastic Wheels Waterproof
Tripod transport	Robust bag
Robust design	Outdoors operation

POWER

Power input	24 VDC
Power	80 to 130 W
Power cord	Included with Veronte PCS

