



INDIAN INSTITUTE OF TECHNOLOGY BOMBAY

MATERIALS MANAGEMENT DIVISION

Powai, Mumbai - 400076

Technical Specifications of VBOX-3i D V5 100 Hz Dual Antenna Data Acquisition

System

RFx No. 6100001147 (Reference No. 1000024344)

Part no.	Description	Qty
RLVB3ID-V5	VBOX 3i 100Hz GNSS Data logger (V5) - Dual Antenna (Previously Referred to as RLVB3ISL-V5)	1
RLVB3ID-V5 RLVBACS020 RLCAB010LE RLACS156 RLCAB071-4 RLACS119 RLACS098 RLCAB001 ADC25IPCON RLVBACS013 RLCAB066-2 RLACS120 VBFMAN RLCAB005-C RLACS163 RLACS091 ANTLOCSTKRL1 (RLVBSUPP1/3)	100Hz GNSS data logger with two antennas for Slip, Pitch/Roll angle measurement. Includes a configurable CAN link for integration into existing Data logging equipment. Lateral/longitudinal Gsensing, Lap timing function and Track mapping software. 2 x Analogue outputs, 2 x Digital outputs, 4 x Analogue inputs, 2 x Digital inputs, 2 CAN bus ports and Serial output Integrated Bluetooth, USB interface and CF logging. VBOX File Manager. 5 to 30Vdc input range. 16 channel VCI CAN input. Inertial measurement unit with vibration and temperature compensation, improved calibration, and stability. Calculates integrated GPS/Inertial attitude (Pitch, Roll, Yaw) and Velocity. VBOX 3i 100Hz GNSS Data logger (V5) - Dual Antenna Mains Power Supply (UK) - Lemo 2W Plug Lemo 2W Plug - Cigar Plug - 2m cable (Power) Screened 2 * GPS/Glonass Low Profile Antenna (no ground plane) with detachable RG-174 SMA-SMA cable - 4m Antenna Cable RG-174 NON-HEX SMA to NON-HEX SMA Connector - 4m VBOX VB3I Bluetooth Antenna 4Gb Compact Flash Card Lemo 5W Plug - 9W D Socket - 2m cable (Serial Configuration) 25 Way D connector for VB products VBOX Padded Carry Case USB A - USB Mini B - 2m cable (USB Configuration) VBOX VB3I Audio Headset VBOX File Manager Unit only Lemo 5W Plug - Lemo 5W Plug - 2m cable (VBOX-VBOX Module PWR/CAN) USB multi card reader VBOX Tape Measure 2 * Antenna Location Sticker One Year Hardware & 5 Year Software Support Contract	
RLVBACS054	4 Channel analogue input interface for VB3 - 25W D-connector to 4 x BNC + Power	1
RLACS112L-EU	5Ahr Li Ion Battery Pack and EU Charger with Lemo 2W Plug	1
RLCAB069L	5W Lemo Plug - OBDII Plug - 1m (VBOX OBDII CAN)	1

All necessary Modules & Accessories should be included.

WARRANTY: One year from the date of successful installation.