

# Leica ALS-60 LiDAR System and Trimble Aerial Camera Pro P65+

Qty	Product	Item No.
	<b>1. ALS-60 System without IMU consisting of:</b>	
1	LS60 Scanner package consisting of:	6002571
1	LS60 Laser Scanner	761650
1	LC60 Laser Controller	763727
1	LS60/LC60 Shipping Container with *** Shock Indicator ***	766206
1	<b>SC60 for ALS60 consisting of:</b>	<b>6002572</b>
1	SC60 System Controller	761651
1	Airborne GPS/GLONASS antenna L1/L2	759772
1	GNSS antenna cable, 10m, TNC/TNC	821218
1	SC50 Shipping Container with *** Shock indicator ***	752765
	<b>2.GPS/IMU Options for ALS60</b>	
1	IPAS-CUS6 integrated in LS60 consisting of :	6002624
1	Micro IRS Inertial Measurement Unit (IMU), **This item is subject to international export controls (ECCN No. 7A103A) ** ** This shipment contains an Inertial Measurement Unit (IMU) that is integrated into an airborne sensor, scanner or IPAS10 and is re-exported under the deminimis rule. No resale, transfer, or re-export of the items to Cuba, Iran, Libya, North Korea, Syria **	747070
1	Cable IMU uIRS to SH or LS, 0.36m	752372
1	IPAS-CUS6 Firmware license	754426
	<b>3. Operator Interface for ALS60</b>	
1	OC52 Operation Controller with Keyboard and 12.1" screen	6002881
1	OC52 Operation Controller with Keyboard	767841
1	Cable OC to CU, SC or 2nd OC, 7m	745938
1	CD, DVD Drive consisting of: Drive USB Data cable	763733
1	USB hub to connect the CD, DVD drive to the OC.	763734
1	USB Memory Stick USB Options Operator Interface	743064
1	IS40 Interface stand, floor mount & tube holds the operator interface in an ergonomic position and can be mounted on the aircraft floor. Pilot Interface for ALS60	743070
1	Pilot Interface consisting of:	749458
1	OC50 for Pilot. High resolution, high contrast 6.3" color LCD screen defined for use in the cockpit. Displays flight guidance information for the pilot. The OC50 is a rugged single board computer and allows remote control of the system (ADS40 only). Hard keys alongside the screen allow the use of all functions as available on the GUI.	745210
1	Cable OC to CU, SC or 2nd OC, 7m	745938
1	OC50 Accessories consisting of 3 dazzle shields and 6 dust filters for OC50 input fans.	752446
1	OC50 Hand Bag OC50 Guidance Indicator	756135
1	Guidance Indicator consisting of: LED	861400
1	GI40 Guidance Indicator, Red LEDs Red LED graphic display of flight guidance information for the pilot, designed for use in the cockpit. LED	861330
1	Cable GI40 to CU or OC, 5m	822132
	<b>4. ALS60 Accessories</b>	
1	ALS60 Accessories consisting of:	6002573
1	FCMS Documentation on CDFCMS	757041
1	FCMS Software on CDFCMS	749560
1	FCMS User Manual as hardcopy	757046
1	Accessories Case	862620
1	FCMS Flight Simulator SW on CDFCMS	753771
1	ALS60 User Manual ALS60	766925
1	ALS60 User Documentation on CD-ROM ALS60	766928
2	Spare Removable HDD Module (500 GB SATA)	766124
1	SATA Download Station Assembly, ALS	763778
1	Cable to Aircraft Power, 4.0m, open end	765173
1	PS56 Power Supply PS56	764189
1	AC Power cable, US wall outlet plug	821446

1	Cable PD56 to PS56, 1mPD56 到PS56	764192
1	Shipping Container, ALS60 Accessory with *** Shock Indicator ***	766981
	<b>ALS60 or ALS60 + RCD105 Standard-Installation</b>	
1	Inside Installation of ALS60 together with RCD105 consisting of:	6002660
2	Cable Assembly, Laser Interface, length: 0.56 meter	766202
1	ALS60 Technical Reference ManualALS60	766926
1	ALS60 Installation InformationALS60	766927
	<b>5. ALS60 System Software</b>	
1	ALS System Software incl. MPiA consisting of:	6003581
1	Firmware, ALS System license. ALS	773670
1	Feature License, MPiAMPiA	771825
1	Feature License, ALS50-II/ALS60 Max Flying Height ALS60	771824
1	Feature License, 200 kHz Puls RateALS60	771823
1	TracGUI, Windows XP, license TracGUI	757778
1	FCMS Sensor Control ALS, (lic) FCMS	766470
1	FCMS Module Flight Guidance (lic) consisting of: a software module for flight guidance during approaches and along the flight line. Automatic sensor release and configuration, in-flight evaluation of project execution progress and quality control.	749513
1	FCMS Module Remote Control (lic) consisting of: software for remote control from multiple user interfaces. Operator and pilot can display different views simultaneously and locking management ensures unambiguous operation.	749515
1	IPAS Firmware SWM SWM term: FCMS ALS60 Office Processing Software Flight Planning and Evaluation Software	5301010
1	FPES Full node locked license.	772816
1	FPES10, AeroPlan60 SW on CD	759779
1	IMAGINE-LPS 9.2 Boxed KitIMAGINE-LPS	765032
1	GNSS-IMU Processing Software Package consisting of:	750221
1	GrafNav/GrafNet, GNSS post-processing SW with GPS, GLONASS and PPP option incl.: - license - manual - data media - USB Dongle	8223388
1	IPAS Pro, GNSS-IMU post-processing software license IPAS Pro	750218
1	IPAS Pro & CO software CD-ROM incl. User Manual	754574
1	IPAS TC	778062
1	IPAS CO bundle consisting of: IPASCO	6000560
1	IPAS CO + camera orientation calculation software license IPAS Pro & IPAS CO	755559
1	IPAS Pro&CO software protection key	755813
1	Terrasolid Software Bundles	6000831
1	ALS50 Software Bundle Basic consisting of: TerraModeler + TerraScan SW Lizenz powered by Bentley Microstation Requires Also: SWM	
	<b>6. Trimble Aerial Camera</b>	
1	<b>Trimble AC Pro with P65+ (9k x 6.7k)</b> 6.1: Aerial photogrammetric camera system with fixed digital back (PhaseOne P65+) with 60 megapixel (8984 pixel x 6732 pixel), pixel size: 6µm, Sensitivity: according to ISO 50,100, 200, 400, 800; prepared for aerial Pro lenses and connection to FMS, IMU and light meter. Standard equipment: Aluminium camera body with fixed digital back, black box, light meter, transport case, cable set for external release and power supply, mounting and screws, camera control and image developing software (Phase One Capture One). Price without lenses and without data storage PC.	45085
1	6.2: <b>Apo-Sironar Digital Lens 4,0/60mm</b>	46104
1	6.3: <b>Recording PC</b> 19" PC rack latest CPU technology, incl. RAID system and 300 GB removable hard drive,	47026

	<p>Operating system: Windows XP, touch screen and keyboard with wheel mouse included. The recording PC will not be included as an item in the service contract. Remark: If the customer will use its own computer system for data storage the warranty of the TAC system will be limited.</p>	
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