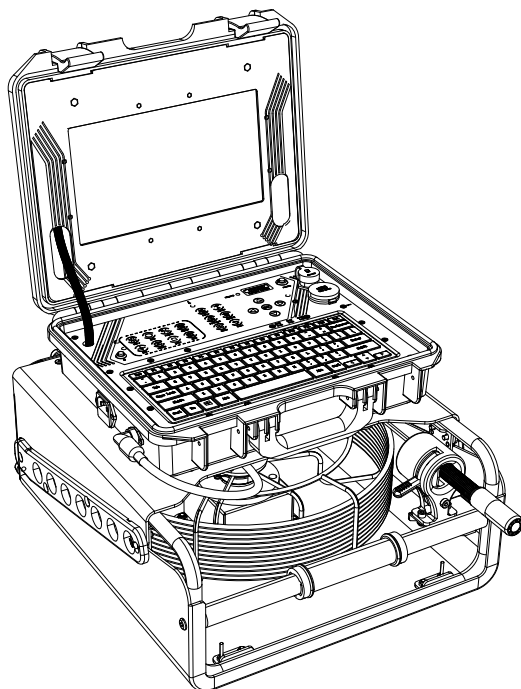




SPARTAN TOOL

FOR TOUGH CUSTOMERS

SINCE 1943



PRODUCT MANUAL TRAVELER LITE CLASSIC

► Read this manual carefully before operating this system



WARNING

1. Do not operate the device in environments containing flammable or explosive materials (e.g., gas, oil, solvents).
2. Avoid using the device in extremely cold, hot or humid environments; otherwise it may damage the device. Do not drop or press hard on the device.
3. Do not use parts or components from other manufacturers, as they may be incompatible and could damage the system.
4. Warranty invalid if the device is disassembled by users or if there are any physical damages.
5. The fiberglass push cable is very rigid. Do not bend it sharply or apply excessive force, as this may cause breakage.

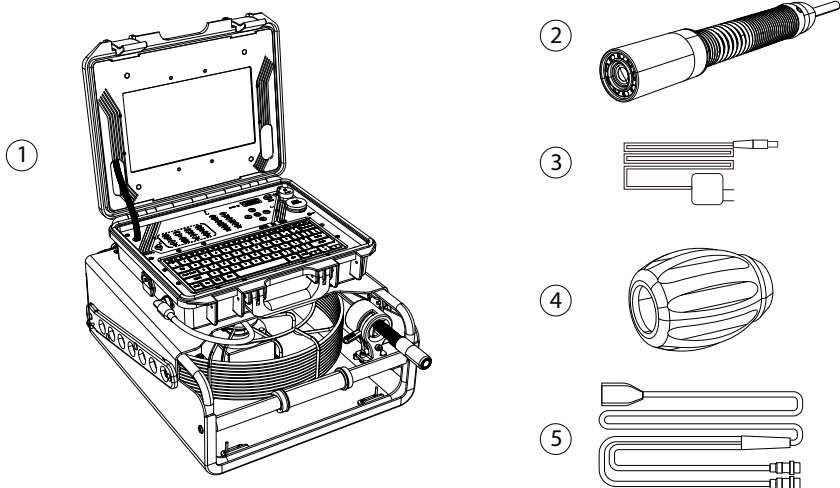


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Product List



- (1) Traveler Lite classic
- (2) Camera head, 23 mm, HD, Traveler Lite
- (3) AC power cord
- (4) Centering guide
- (5) Testing cord



Specifications

Item	Description
Battery (In the case)	YBG 18650-2S3P, 7500 mAh, 7.4 V, 55.5 Wh
Battery Life	up to 8 hours
Cable Length	40 m (130 ft)
Camera Light	Built-in White LED lights (9 LEDs)
Camera Angle-of-View	120°
Camera Image	1920×1080
System Operating Temperature	-4 °F to +130 °F

Application:

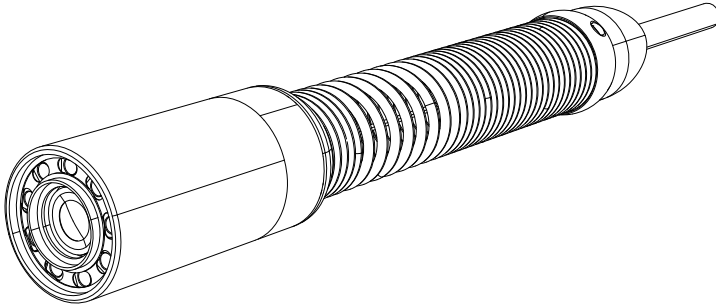
1. Pipe inspection
2. Waste water system inspection
3. Cable ducting system inspection
4. Ventilation system inspection

WARNING:

Draining the battery completely will reduce the battery capacity.



23mm Camera Head (with self-leveling)



Working environment:

Temperature: -4 °F ~ +130 °F

Technical specifications:

(1) Power input: DC 9~13 V, 13 W (max)

(2) Camera module:

- 1) Image sensor: 1/3 inch CMOS
- 2) Effective pixel array: 1920×1080
- 3) White Balance: Automatic
- 4) Gain Control: Automatic
- 5) Signal-to-noise ratio: > 52 dB (AGC OFF)
- 6) Video output: 1.0 Vp-p/75 R
- 7) Input voltage: DC3.3-5 V
- 8) Current consumption: 110 mA
- 10) Frame rate: 30 FPS/25 FPS

(3) Light Source:

- 1) LED quantity: 9 LEDs
- 2) LED brightness: 200 LM
- 3) LED current: 0~200 mA
- 4) Light angle: 120°

External interface:

CAM: Pins 1 to 4 are connected to
VIDEO, GND, +12 V, LED

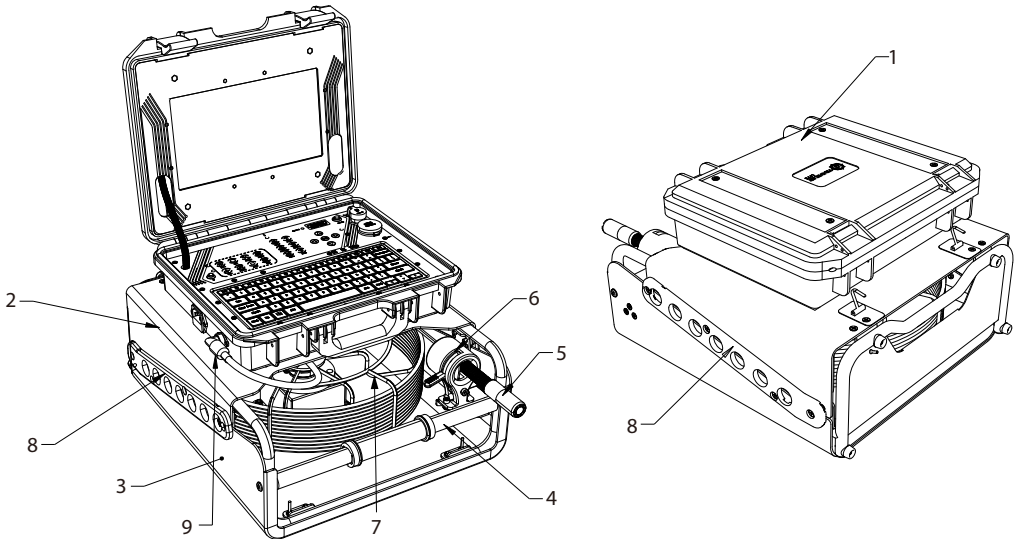
WARNING:

Continuously using the camera head with the maximum LED intensity may reduce LED life.



Parts & Accessories

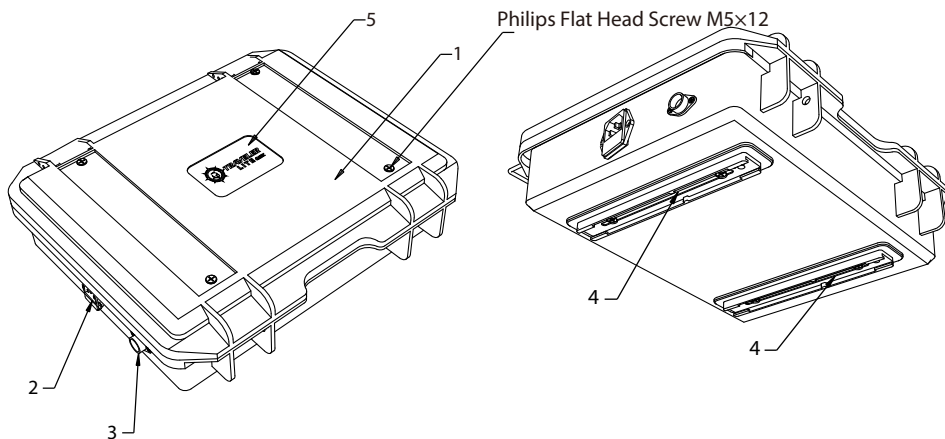
Traveler Lite Classic



Item	Part Number	Description	Qty.
1	64070049	Control box, Traveler Lite Classic	1
2	64070024	Metal cover, upper body, Traveler Lite	1
3	64070025	Lower body cover assembly	1
4	64070012	Handle, Traveler Lite	1
5	64070048	Camera head, 23 mm, HD, Traveler Lite	1
6	64070007	Camera holder, Traveler Lite	1
7	64070010	Cable reel w/ cable and slip ring, Traveler Lite	1
8	64070023	Cover bars, Traveler Lite	1
9	64070027	Cable, control box to reel, Traveler Lite	1

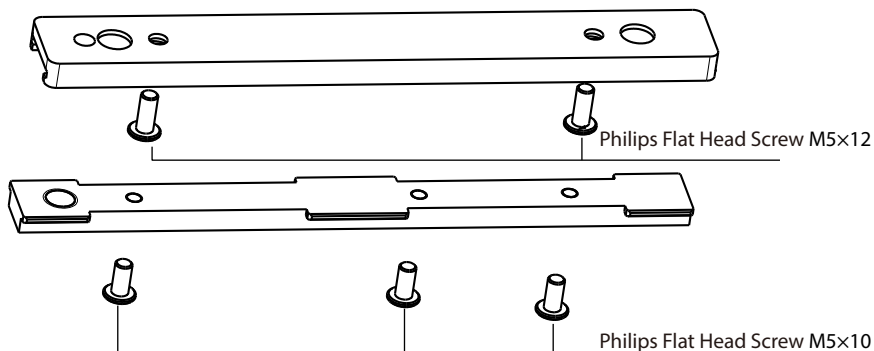


Control Box (64070049)



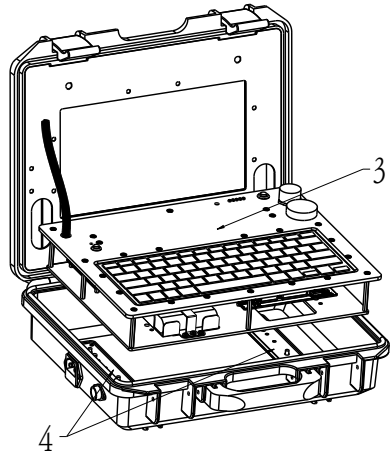
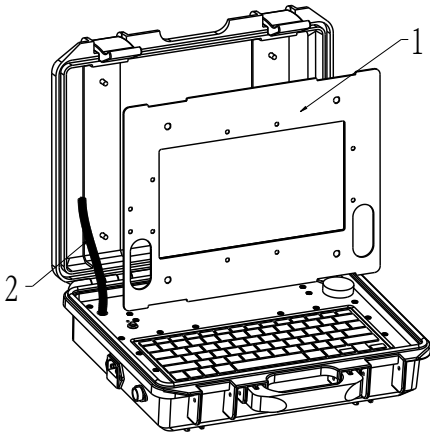
Item	Part Number	Description	Qty.
1	64070049	Control box, Traveler Lite Classic	1
2	64070020	AC receptacle, Traveler Lite	1
3	64070029	Aviation connector, control box, Traveler Lite	1
4	64070034	Rail assembly, control box, Traveler Lite	2
5	64070050	Decal, control box, Traveler Lite Classic	1

Rail assembly, control box (64070034)



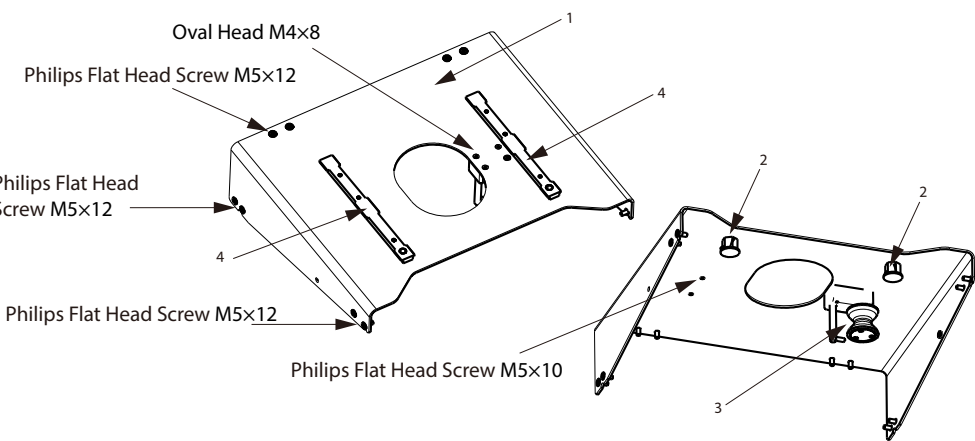


Control Box (inside)



Item	Part Number	Description	Qty.
1	64070051	Display panel assembly, Traveler Lite Classic	1
2	64070052	internal VDA cable, Traveler Lite Classic	1
3	64070053	Control panel assembly, Traveler Lite Classic	1
6	64070018	Vertical bar, control box, Traveler Lite	2

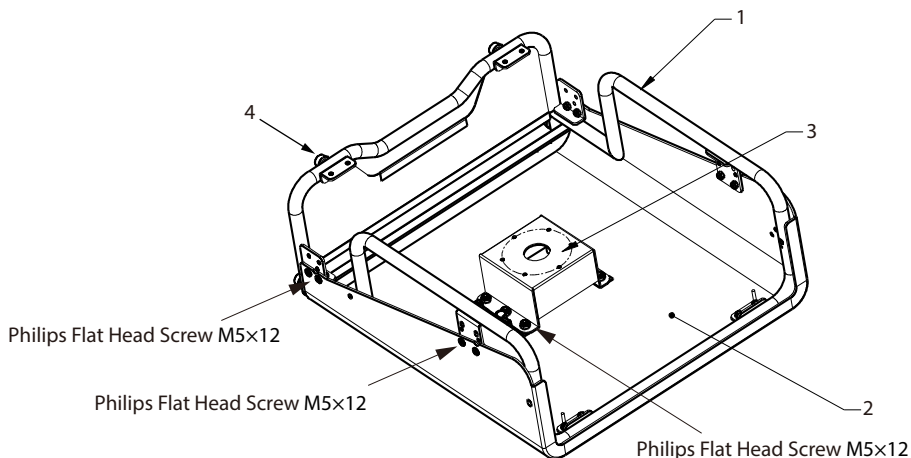
Upper Body Cover Assembly (64070024)



Item	Part Number	Description	Qty.
1	64070024	Metal cover, upper body, Traveler Lite	1
2	64070031	Locking knob, control box, Traveler Lite	2
3	64070011	Cable guide, Traveler Lite	1
4	64070034	Rail assembly, control box, Traveler Lite	2



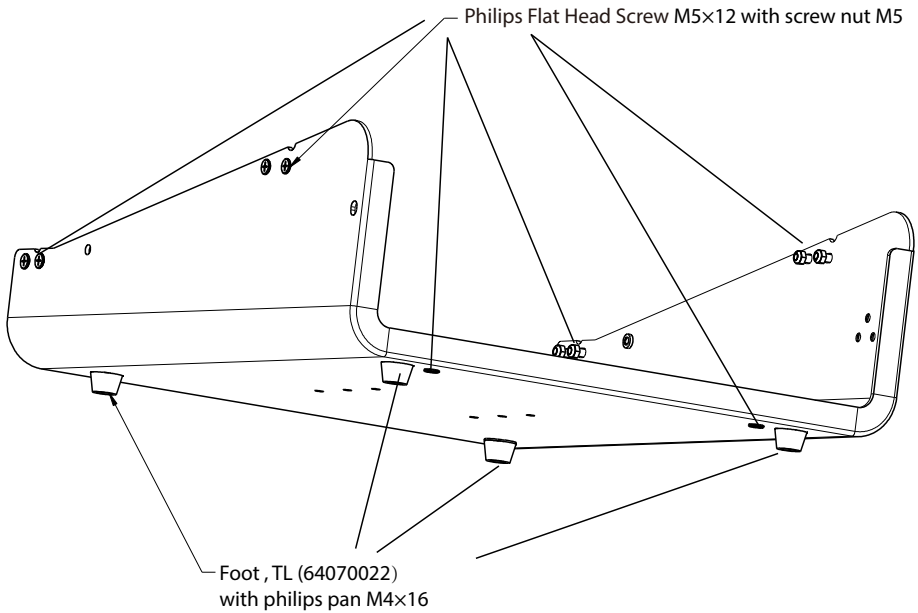
Lower Body Cover Assembly (64070025)



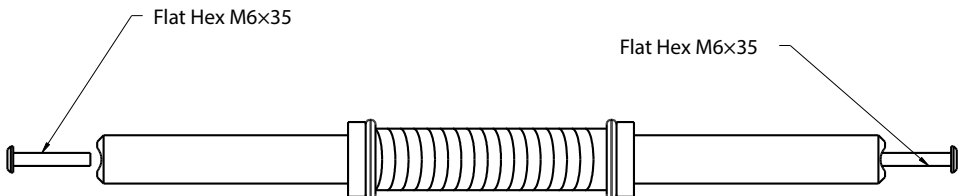
Item	Part Number	Description	Qty.
1	64070026	Tubular frame, Traveler Lite	1
2	64070040	Metal cover, lower body, Traveler Lite	1
3	64070013	Cable reel stand, Traveler Lite	1
4	64070039	Foot, tubular frame, Traveler Lite	4



Metal cover, lower body, Traveler Lite (64070040)

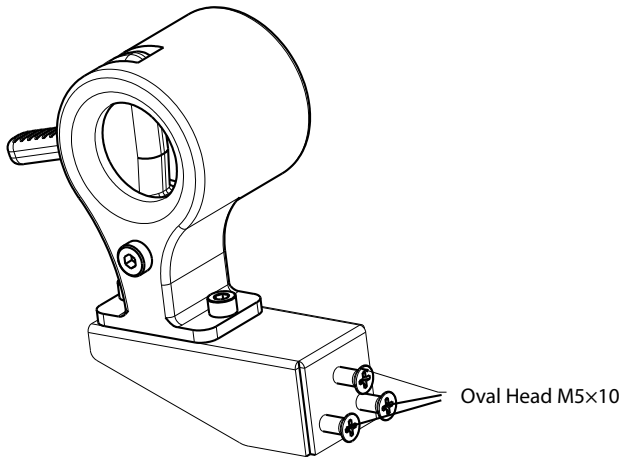


Traveler Lite (64070012)

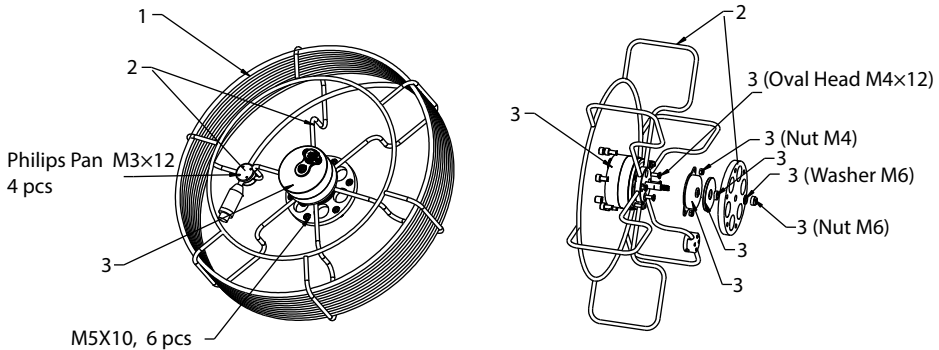




Camera Holder Traveler Lite (64070007)



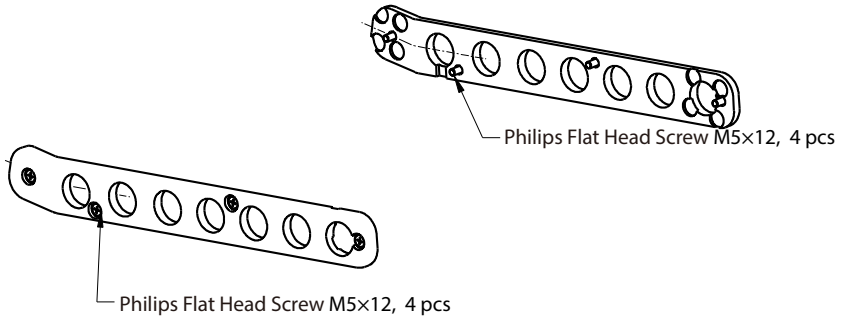
Cable reel w/cable and slip ring, Traveler Lite (64070010)



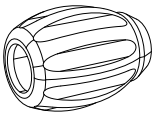
Item	Part Number	Description	Qty.
1	64070008	Pushrod, 6mmX130FT, Traveler Lite	1
2	64070037	Cable reel assembly, Traveler Lite	1
3	64070009	Slip ring & encoder, Traveler Lite	1



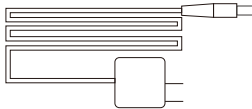
Cover bars Traveler Lite (64070023)



Accessories



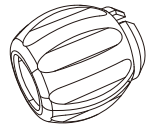
1



2



3



4

Item	Part Number	Description	Qty.
1	64070035	Centering guide, Traveler Lite	1
2	64020010	AC power cord, 118"- Red	1
3	64070028	Test cord, Traveler Lite	1
4	64070036	Centering guide, non SL, Traveler Lite	1



USB drive formatting steps

1. Insert the USB stick.



2. The screen shows the USB drive, and the reading is successful.



3. Select "SYSTEM"



4. Select "DISK"



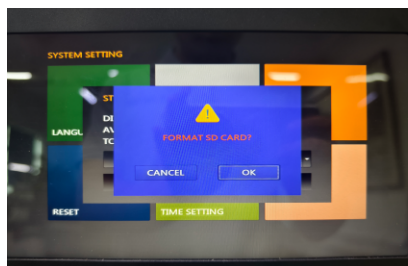
5. Select the disk to format.



6. Click "FORMAT SDCARD"



7. Select "OK", the format is successful.



WARNING:
The USB drive can only support up to 256G.



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