

PANATAPE
LONG RANGE
(PTL)

(Long range laser measuring device from film plane to object)

INSTRUCTIONS

QUESTIONS? CALL: 1-800-FOR-PANA (1-800-367-7262) PHIL NAVARRO

5/27/05

PANATAPE

LONG RANGE

(PTL)

INSTRUCTIONS

LONG RANGE INFORMATION:

The Panatape LongRange is a low level laser finder that will show the distance from the film plane to an object, if it is properly set-up and calibrated. The minimum distance is approximately 20ft. and the maximum distance is around 2000ft. with a tolerance of about ± 3 inches at any given measurement. For distances closer than 20ft., it is suggested that a Panatape II measuring unit is used in order to receive more accurate measurements.

Before using the PTL, read the safety warnings at the end of these instructions.

MOUNTING:

- 1- Install LongRange mounting bracket (PTLB) with PTL to Panaflex side iris rods.
- 2- Mount LCD monitor to PTL ball mount.

CABLE CONNECTIONS: (refer to diagrams)

- 3- Connect 24V power cable from camera (CBLE-ZLP) or battery (CBLE-24H/P) To the 24VDC in socket on PTL.
- 4- LCD monitor may be connected by a 5pin Lemo cable or a BNC cable (CBLE-BNCS) from the PTL video output plus a power cable (CBLE-ZLP).

The above steps are necessary if using the PTL in it's stand alone mode. If using in conjunction with a SmartLens display, proceed with the following steps.

- 5- Connect 5pin Lemo cable (CBLE-SLD) from the "Display Data Out" socket to the SmartLens display socket marked "Data".
- 6- Connect the 5/2pin Lemo cable (CBLE-SLPP) from the SmartLens display socket marked "Lens" to the 24V power out on the camera body.

If using in combination with a Smart Zoom Lens , instead of step 6 go to step 7:

- 7- Connect the 5pin Lemo cable (CBLE-SLD) from the SmartLens display socket marked "Lens" to the Smart Zoom Lens 5pin Lemo socket.
- 8- Connect the 2pin Lemo cable (CBLE-SLP) from the Smart Zoom Lens to 24V power.
- 9- Power up PTL via the PWR button on rear panel. In low light it will glow red.
- 10-Adjust monitor to users desired preferences (focus, contrast and brightness)

PARALLAX ADJUSTMENT:

- 1- View object at a long distance (20' or greater) through the camera viewfinder.
- 2- Center the subject on the camera ground glass crosshair.
- 3- Adjust the PTL via the horizontal (pan) and vertical (tilt) knobs on the PTL support so that the red dot on the video monitor coincides with the center of the ground glass crosshair.

SMARTLENS DISPLAY SETUP:

- 1- Push "MENU" button twice.
- 2- Use the up/down switch (arrows) to scroll through the menu.
- 3- Highlight "RANGFIND" (selection should read "LONGRNGR")
- 4- If selection does not read "LONGRNGR", press "SET" button repeatedly until "LONGRNGR" does appear.

LONG RANGE CALIBRATION PROCEDURE:

- 5- Scroll to next selection called "OFFSET". Two selections can be highlighted "ADD" and "SUB".
- 6- Measure actual distance to primary object.
- 7- If you need to add distance to the reading, highlight "ADD" and press the "SET" key repeatedly until it reads the actual distance. Do the same for "SUB" if you need to subtract distance to the given reading.
- 8- Press the "MENU" button to return to the main menu.

SMARTLENS MENU "DISPLAY" OPTIONS:

9-

INFORMATION FROM WYNN

SAFETY WARNING FROM MANUFACTURER OF LIDAR LASER DEVICE:

EYE SAFETY:

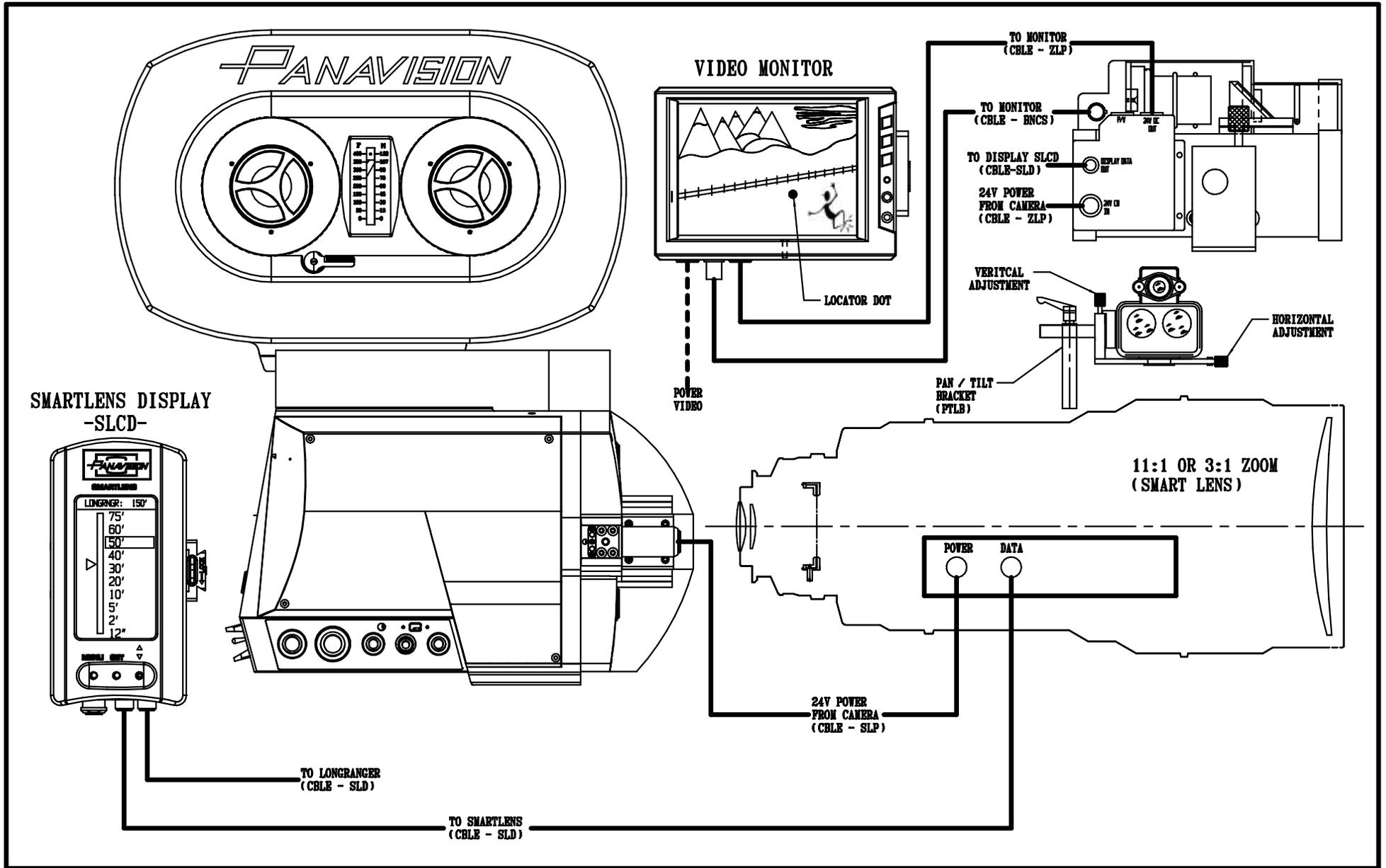
The LIDAR laser device (STALKER) is designed and tested to meet the F.D.A. eye safety requirements for a Class 1 laser device, and thereby complies with CRF 1040.10 and 1040.11. Class 1 levels of laser radiation are not considered to be hazardous.

We do, however, recommend certain reasonable precautions be taken when operating the unit. A person should not stare directly into the lens for an extended time, especially at close distances.

CAUTION: (Class 1 laser device)

The use of optical instruments with this product will increase eye hazard. THEREFORE DO NOT POINT THE LIDAR LASER DEVICE AT AN OBSERVER USING INSTRUMENTS SUCH AS BINOCULARS, TELESCOPES OR CAMERAS.

PANATAPE LONGRANGE WITH SMART ZOOM LENS



PANATAPE LONGRANGE WITH OTHER LENSES

