⬡ MANTIS

PRE-FLIGHT CHECKLIST

- ☑ Controller charged and powered on
- ☑ Camera charged and properly seated
- ☑ Confirm camera settings; fan on, ethernet 'direct'
- ☑ Ethernet connected between camera and controller
- ☑ O-ring lightly lubricated, seated, checked
- ☑ Housing locked, vacuum established

CAMERA STATUS VIEWPORT

STATUS LED
START RECORDING
STOP RECORDING

CAMERA POWER ON/OFF
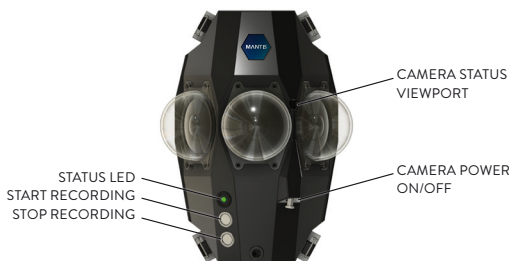
MANTIS SUB LED STATES ⠸⠉⠒ — *indicates blinking*

- 🔵 Booting
- ⚪ Not connected, no vacuum ⚪ Close Insta app
- 🔵 Not connected, vacuum 🔵 Close Insta app
- 🟡 Connected, no vacuum 🟡 Vacuum too great, release some
- 🟢 Connected, vacuum, ready to record
- 🔴 Processing 🔴 Processing
- ⚫ Recording
- 🔴 Cam error: overheated, storage space etc 🔴 Vacuum lost

START SEQUENCE

1. Vacuum with pump until LED turns cyan or green.
2. Hold Camera Power button for 1 second. LED turns red then blue to indicate boot process (60s), flashes blue then white (or green, if vacuum) when boot complete.

RECORDING

1. Press Start Recording button, LED turns magenta.
2. Wait 10 seconds, observe viewport, LED turns off while camera is recording.
3. Press Stop Recording button, LED turns magenta.
4. Wait 10 seconds, observe viewport, LED turns green (vacuum) or blue (no vacuum).

RESTART/RESET OPTIONS

Force stop recording — press Power button.
Turn off camera — hold Power button 3 seconds.
Force turn off camera — hold Power button 10 seconds.
Reset controller — turn off camera using Power button (LED turns cyan or white). Press Start Recording button 5 times (LED turns magenta, then blue while rebooting.) Wait 10s; LED flashes blue 5 times to signal ready.

MANTIS SUB APP

Use web app for setup, monitoring, updates
Connect to Insta360-Pro wifi, pwd 88888888
Navigate to http://192.168.43.2