

CAMERA IQ TRIAGE CHECKLIST

Prepare one hard camera scene so an imaging engineer can separate the visible symptom from the layer that is actually moving it.

Use this before a technical review, diagnostic sprint, or tuning scope. Share only what your confidentiality rules allow.

THE RESPONSE CONTRACT

INPUT	One difficult scene
REPLY	Within 2 business days
OUTPUT	First checks + likely layer
BOUNDARY	Directional triage, not free tuning

START HERE

What does the camera still get wrong?

THE SEVEN-FIELD BRIEF

Complete what you can. Unknown is a valid answer; a guessed sensor, schedule, or success criterion is not.

01 PRODUCT TYPE Smartphone, Pad, meeting camera, dashcam, body camera, PDA, payment terminal, or another device.

02 PLATFORM / CHIPSET Camera stack or SoC family, if it can be shared.

03 SENSOR / MODULE Module and optics context, or simply 'not selected yet'.

04 PROJECT STAGE Concept, prototype, EVT, DVT, PVT, MP, or a field regression.

05 HARDEST SCENE What the viewer sees, what changes, and what better must preserve.

06 SCHEDULE The next decision or release date, not an invented emergency.

07 NDA NEEDED Yes, no, or required before any image or log is shared.

CONFIDENTIAL SCENE? Describe it in words and state that an NDA is needed before sharing media or logs.

CAPTURE ONE HARD SCENE

The goal is not a beautiful sample. It is a repeatable scene that preserves the conflict your product must resolve.

A

LOCK THE CONDITION

Note light sources, distance, motion, display brightness, zoom/FOV, and whether the scene changes over time.

B

CAPTURE THE TRANSITION

For AE, HDR, AWB, and temporal noise, include frames before, during, and after the difficult change.

C

PRESERVE THE REFERENCE

Include a known neutral, skin/reference target, useful texture, text, or another object that explains the product goal.

D

KEEP THE COMPARISON FAIR

Same device, framing, scene, build, and condition unless the changed variable is the experiment.

DO NOT HIDE THE FAILURE

Do not crop away the bright source, moving edge, color reference, flare source, or texture that creates the trade-off. Send the scene that fails, not the frame that sells.

DECIDE THE NEXT ENGINEERING STEP

The first review should reduce the problem, not create a larger tuning surface.

01

TUNING

AE/HDR, AWB/color, ISP texture/noise, sharpening, temporal behavior.

02

MODULE / OPTICS

Sensor, lens, cover glass, focus, flare, calibration, or unit variation.

03

CAMERA SOFTWARE

Framework, driver, metadata, state transition, pipeline integration, or encoded output.

04

SYSTEM / TEST

Illumination, display, thermal/power constraint, test method, or success criterion.

IF THE SCENE NEEDS A DEEPER REVIEW

Camera IQ Diagnostic Sprint

Fixed launch scope: USD 4,800 / 5 business days / up to three priority scenes / ranked findings / 45-minute readout.

SEND THE SEVEN-FIELD BRIEF

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Public sample note: AI-generated demonstration means not customer work or a production-device result.