



HR21 Thermal Module RFQ Checklist

For HR21-L612K / HR21-L612-USB 640×512 uncooled LWIR module projects

Use this checklist when requesting pricing, documents, or configuration support. The more complete the RFQ details are, the faster Camcuda can match the module, interface, lens, and document packet.

Area	Buyer input to provide	Why it matters
Application	UAV payload, handheld device, outdoor/field system, robotics, machine vision, security, or other OEM device.	Defines integration priorities such as SWaP, lens/FOV, interface, and environmental needs.
Product / model	HR21-L612K, HR21-L612-USB, or current product page URL if unsure.	Avoids mismatch between datasheet, board configuration, and requested documents.
Resolution / frame rate	Confirm 640×512 and required frame rate or market restrictions.	Helps select the correct configuration and documentation.
Interface	USB, RS-422, TTL, BT656, LVDS / CameraLink, MIPI, SDI, or CVBS request.	Interface availability depends on applicable configuration or interface board.
Lens / FOV	Target distance, lens focal length, field of view, focus method, or unknown.	Supports lens/FOV selection and mechanical fit review.
Mechanical limits	Available space, mounting constraints, weight limit, enclosure notes, and drawing needs.	Determines whether mechanical drawings or CAD files are required.
Power / host	Supply voltage, power budget, host platform, cable length, connector expectations.	Reduces integration risk before prototype work.
Documents needed	Datasheet, mechanical drawing, electrical interface diagram, board configuration, NDAA statement, protocol/SDK.	Allows Camcuda to provide the right document packet.
Compliance context	Destination country, customer procurement requirement, NDAA/CVBS/special statement needs.	Ensures sensitive documents are handled through the correct review path.
Commercial details	Estimated quantity, prototype timing, target production date, shipping destination.	Supports quotation, lead-time review, and sample planning.

Cautious configuration wording

CVBS analog output support is available on applicable configurations; confirm during RFQ. NDAA statement available on request. Interface, lens, firmware, and protocol details should be confirmed for the selected product configuration before procurement or integration commitments.