

CERTIFICATE OF COMPLIANCE

Certificate Number 2024-04-19; (C1) 2024-04-23; (A1) 2024-07-23-E504685
Report Reference E504685-D1003-1/A1/C1-UL
Date 2024-04-19; (C1) 2024-04-23; (A1) 2024-07-23

Issued to: Baumer Optronic GmbH
Applicant Company: Badstrasse 30
Radeberg, 01454 Germany

Listed Company: Same as Applicant

**This is to certify that
representative samples of**

Vision sensors

a - capital letter, the interface G= GigE or U=USB 3.0.

(b) - . and numbers from 0 to 9, Empty – 1st Generation or .2 -
2nd Generation (changed FPGA).

c - numbers from 0 to 9 and all capital letters, the number of the
camera pixels /resolution.

d - all capital letters - differences in the sensitivity of the picture
sensor: M=Monochrome, C=Color, MP=Mono Polarized,
CP=Color Polarized, WIR=Short Wavelength IR, NIR=Near IR,
UV=Ultraviolet, MS=Multispectral,

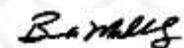
(e) - all capital letters, special sensor features: TCG=Detachable
Sensor cover glas, R=Rolling Shutter.

(f) - all capital letters, special camera features: I=IP 65/67
housing, XC=Extended Cooling, TX=Enhanced outer dimensions
(same housing as XC).

(g) - all capital letters, variants of the camera: XT=Extended
Temperature Range, PTP=IEEE1588, special feature set,
2=Version (Firmware changed or PCB by another manufacturer),
DP=Dust protection (for monochrome cameras).

(h) - all capital letters & numbers from 0 to 9, is an internal code
for customer OEM cameras.

VCXab-cccddd.e.ff.ggg.hhh or NCCab-cccddd.e.ff.ggg.hhh



Bruce Mahrenholz, Director North American Certification Program
UL LLC

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Have been investigated by UL in accordance with the component requirements in the Standard(s) indicated on this Certificate. UL Recognized components are incomplete in certain constructional features or restricted in performance capabilities and are intended for installation in complete equipment submitted for investigation to UL LLC.

Standard(s) for Safety:

UL 61010-1:2010, 3rd Edition, 2023-06-06
CSA C22.2 NO. 61010-1-12, 3rd Edition, 2023-06

Additional Standards:

UL 61010-2-201, 2nd edition, 2022-08-08
CSA C22.2 NO. 61010-2-201:18, 2nd edition, 2018-02
IEC 60529 ed. 2.2, 2013-08


Additional Information:

See the UL Online Certifications Directory at <https://iq.ulprospector.com> for additional information.

This Certificate of Compliance does not provide authorization to apply the UL Recognized Component Mark. Only the UL Follow-Up Services Procedure provides authorization to apply the UL Mark.

Only those products bearing the UL Recognized Component Mark should be considered as being UL Certified and covered under UL's Follow-Up Services.

Look for the UL Recognized Component Mark on the product.



Bruce Mahrenholz, Director North American Certification Program
UL LLC

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