GHG Verification Report

2025

	2026 3 30

1. 3
1.1 3
1.2 3
1.3 3
2.1 4
2.2 4
2.3 5
2.4 5
3. GHG 5
3.1 GHG 5
3.2 GHG 5
3.3 GHG 6
3.4 GHG 8
3.5 GHG 9
3.6 10
3.7 10
4. 11
4.1 11
4.2 11
4.3 12
5. 16
6. 16
6.1 16
6.2 16
7. 16
7.1 16
7.2 17
8. 17
8.1 17
8.2 17
8.3 17
8.4 17
9. 17
10. 17

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1.1

ISO14064-1 2018 GHG Protocol CO2 e

1.2

2012

22.9977

Camera Compact

Module CCM lens sensor

Backend IC FPC

- ——
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1.3

“ ”

1)

2) GHG GHG

3) GHG GHG

4) :

/

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8) EHS

9) :

10) :

11)

13

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ISO14064-1 2018 GHG Protocol 1 ISO14064-1 2018 GHG Protocol 2 ISO14064-1 2018 GHG Protocol 3-6 ISO14064-1 2018 GHG Protocol

2.4

3. GHG

3.1 GHG

CO2 CH4 N2O NF3 HFCS PFCS SF6 GHG

3.2 GHG

GHG 0.5% 5.0% 5%

WD-40 CO2

3.3 GHG

3.3.1

1 GHG

a)

b) /

c)

d)

3.3.2 CO2 /

GHG	CO2	CH4	N2O	HFCs	PFCs	SF6	NF3	
	106.09	275.40	1.14	237.38	0	0	0	620.01

	/		
1			4.51
2			27.47
3			60.25
4			1.45
5	-		13.60
6		HFC-227ea	237.38

1 & &

- AD x EF x GWP
-
- AD
- EF EF IPCC 2006 V2
  GB/T2589
  GHG EF
-

2 CO2 IG541 8%CO2

-
-
- AD CO2 IG541
- EF EF 2025 CO2 4% IG541
  2%
-

3 CH4

- ISO14064-1/ 6.2.3 AD x EF x GWP
-
- AD BOD IPCC 2006 V5 6.4
  BOD 40g/ /
  12 BOD BOD
- EF IPCC 2006 V5 6.2 BOD
  Bo 6.3
-

4 R134A

- ISO14064-1/ 6.2.3 ADxEFxGWP
-
- AD
- EF EF=1
-

3.4 GHG

3.4.1

2 GHG

3

4

5 GHG

6

3.4.2 CO2 /

ISO14064-1:2018 GHG Protocol

				/		
		ISO14064-1:2018	GHG Protocol			
9	2 GHG				CO2	25321.52
10	3 GHG	3.1	S3-4	-	CO2	18.44
11		3.3	S3-6	-	CO2	168.17
12	3 GHG	3.4	S3-7		CO2	281.76
13		3.5	S3-9		CO2	49.68
14		4.1	S3-1		CO2	192502.43
15		4.2	S3-2	-		

4

GHG

19	5 GHG	5.2	S3-13		CO2	315.75

3.4.5

GWP IPCC 2023 GHG GWP

1

- ISO14064-1/ 6.2.3 GHG Protocol AD x EF x GWP
-
- AD
- EF
-

2

- ISO14064-1/ 6.2.3 GHG Protocol ADxEFxGWP
-
- AD
- EF UK Government GHG Conversion Factors for Company Reporting
-

3

- ISO14064-1/ 6.2.3 GHG Protocol ADxEFxGWP
-
- AD
- EF UK Government GHG Conversion Factors for Company Reporting
  SupplyChainGHGEmissionFactors_v1.3.0_NAICS_CO2e Ecoinvent
-

3.5 GHG

3.6

3.7

3.7.1 ISO14064-1:2018

ISO 14064	2025
GHG	620.01
TCO_2-e/	25321.52
TCO_2-e/	518.05
TCO_2-e/	201390.74
TCO_2-e/	315.75
TCO_2-e/	228166.06

3.7.2 GHG Protocol

GHG Protocol	2025
GHG	620.01
TCO_2-e/	25321.52
S3-1	192533.92
S3-2	317.69
S3-3	8379.85
S3-4	18.44
S3-5	159.28
S3-6	168.17
S3-7	281.76
S3-8	0.00
S3-9	49.68
S3-10	0.00
S3-11	0
S3-12	0.00
S3-13	315.75
S3-14	0.00
TCO_2-e/	228166.06

4.

4.1

ISO14064-1 2018 GHG Protocol Relevancy Completeness Consistency Accuracy Transparency

4.2

(1) , 1 3 6

	6
/	3
	1

(2) , 6 5 4 3 2 1

/	6
/	5
	4
	3
	2
	1

(3) 1 3 6

	1
	3
	6

(4)

+ 5.0 4.0 3.0 2.0

4.3 **COF1 8.8 f1 0 0 10.79999 ref125 rev[illegible]**

	/			A1		A2		A3	t CO2e		
			( )		A2		A3				
1				3	1	3		1	4.51	0.000020	0.000046
2			( )	6	1	6		1	27.47	0.000120	0.000522
3			( )	3	1	3		1	60.25	0.000264	0.000616
4			( )	3	1	3		1	0.37	0.000002	0.000004
5			( )	3	1	3		1	1.07	0.000005	0.000011
6	-		( )	3	1	3		1	13.25	0.000058	0.000135
7			( )	3	1	3		1	0.35	0.000002	0.000004

8

	/								t CO2e		
			( )	A1	A2	A2	A3	A3			
14	-	CO2	( )	3	1	3		2	134.92	0.000591	0.001577
15	-	CO2	( )	3	1	3		2	23.76	0.000104	0.000278
16	-	CO2		3	1	3		2	9.49	0.000042	0.000111
17		CO2		1		1		1	17.35	0.000076	0.000076
18		CO2	( )	1		1		1	264.41	0.001159	0.001159
19	-	CO2	( )	3	1	3		2	29.10	0.000128	0.000340
20	-	CO2	( )	3	1	3		2	20.58	0.000090	0.000241
21	FPC	CO2	( )	3	1	3		1	31879.34	0.139720	0.326013
22		CO2	( )	3	1	3		2	1.53	0.000007	0.000018
23	IC	CO2	( )	3	1	3		2	28075.26	0.123047	0.328127
24	PCB	CO2	( )	3	1	3		2	270.13	0.001184	0.003157
25		CO2	( )	3	1	3		2	8645.27	0.037890	0.101041
26		CO2	( )	3	1	3		2	362.16	0.001587	0.004233

	/								t CO2e		
			( )	A1	A2	A2	A3	A3			
27		CO2	( )	3	1	3		2	12.08	0.000053	0.000141
28		CO2	( )	3	1	3		2	117949.56	0.516946	1.378523
29		CO2	( )	3	1	3		2	4378.70	0.019191	0.051176
30		CO2	( )	3	1	3		2	8.20	0.000036	0.000096
31	+tray	CO2	( )	3	1	3		1	137.45	0.000602	0.001406
32		CO2	( )	3	1	3		2	0.51	0.000002	0.000006
33		CO2	( )	3	1	3		1	689.59	0.003022	0.007052
34		CO2		3	1	3		1	15.41	0.000068	0.000158
35		CO2	( )	6	1	6		1	77.23	0.000338	0.001467
36	-	CO2	( )	3	1	3		1	317.69	0.001392	0.003249
37		CO2	( )	3	1	3		2	0.01	0.000000	0.000000
38		CO2	( )	3	1	3		2	0.20	0.000001	0.000002
39		CO2	( )	3	1	3		2	0.01	0.000000	0.000000

	/								t CO2e		
			( )	A1	A2	A2	A3	A3			
40		CO2	( )	3	1	3		2	0.18	0.000001	0.000002
41		CO2	( )	3	1	3		2	158.88	0.000696	0.001857
42		CO2	( )	3	1	3		1	8.16	0.000036	0.000083
43		CO2	( )	3	1	3		1	6.46	0.000028	0.000066
44		CO2	( )	3	1	3		1	10.03	0.000044	0.000103
45		CO2	( )	3	1	3		1	6.84	0.000030	0.000070
46		CO2	( )	3	1	3		2	2.83	0.000012	0.000033
47		CO2	( )	3	1	3		2	13.43	0.000059	0.000157
48		CO2		3	1	3		2	0.21	0.000001	0.000002
49		CO2		6	1	6		2	22.38	0.000098	0.000458
50		CO2		6	1	6		2	8341.00	0.036557	0.170598
51		CO2		6	1	6		1	52.99	0.000232	0.001006
52		CO2		6	1	6		2	1.99	0.000009	0.000041

									t CO2e		
	/		( )	A1	A2	A2	A3	A3			
53		CO2	( )	6	1	6		2	260.77	0.001143	0.005334
									228166.06	1.00	2.91
			2.91								

2025 2.91

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2023 2025 2025

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2026 02

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2026 03 25 -3 26

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GHG 2 4

7.2

2025 2040 4.2%

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ISO14064-1 2018 GHG Protocol

8.2

8.3

8.4

ISO14064-1 2018 GHG Protocol

9.

ISO14064-1 2018 GHG Protocol

10.

1 ISO14064-1 2018 -

2 GHG Protocol

3 2021

4 2006 IPCC Guidelines for National Greenhouse Gas Inventories

5

6 IPCC 2023 /Ar6-wg1-errata

7 2025

8 UK Government GHG Conversion Factors for Company Reporting

9 SupplyChainGHGEmissionFactors_v1.3.0_NAICS_CO2e

10 Ecoinvent

2025