688686

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		lx lm/
		lm
		720p 1280*720=921600 100
		Robustness
2D		
3D		
LED		Light Emitting Diode LED
PCB		Printed Circuit Board
PCBA		Printed Circuit Board Assembly PCB
FPGA		Field Programmable Gate Array

	OPT Machine Vision Tech Co., Ltd.
	OPT
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	2014 10 30 358 8
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	523850
	www.optmv.com
	info@optmv.com

	8	8
	0769-82716188-185	0769-82716188-185
	0769-81606698	0769-81606698
	info@optmv.com	info@optmv.com

	www.sse.com.cn

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	1 6		(%)
	600,957,502.67	392,033,259.37	53.29
	195,472,104.21	143,243,587.31	36.46
	179,326,371.14	129,212,026.61	38.78
	665,259.83	114,717,225.48	-99.42
			(%)
	2,632,555,801.05	2,514,866,797.35	4.68
	2,887,116,733.06	2,701,521,819.33	6.87

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	1 6		(%)
	2.3701	1.7368	36.46
	2.3701	1.7368	36.46
	2.1743	1.5667	38.78
%	7.77	6.19	1.58
%	7.13	5.58	1.55
%	14.93	15.47	0.54

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53.29%, 132.46%
3C 3C 38.00%
36.46%
38.78%
99.42%
90.38% 30.99%
38.55%
36.46% 1.58%

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	17,808,119.87	
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	-77,699.50	
	-	
	2,999,632.90	
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	16,145,733.07	

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17,238,817.65

46.69%

50.12%

	1 6		(%)
	17,238,817.65	-	
	195,472,104.21	143,243,587.31	36.46
	179,326,371.14	129,212,026.61	38.78
	210,125,099.21	143,243,587.31	46.69
	193,979,366.14	129,212,026.61	50.12

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Know-How

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LED PCB(A)

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2006

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2018 101.8 2021 163.8 17.18%

2022 215.1 2024 403.6
37.0%
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			%
	89,724,750.84	60,635,416.35	47.97
	-	-	0
	89,724,750.84	60,635,416.35	47.97
%	14.93	15.47	0.54
%	-	-	-

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47.97%

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4		300.00	5.13	874.15		1. 2. 3. 4. DPM DI/DO 5.		3C
5		150.00	4.84	219.50		1. 2. FPGA ≤1μs 50KHz 3.		
6		300.00	6.65	365.99		1. 3.2μm 1.51 2. 0.3-4.0X 1.1 1μm 3.		3C
7		800.00	487.30	487.30		1. 2. 3. 4. 5.		3C
8		900.00	489.11	489.11		1. 2. 3.		
9		500.00	242.96	242.96		1. 2. FPGA 3. 4.		

10	SCI	900.00	548.69	548.69		1. 2. MES 3. 4.		
11		800.00	434.30	434.30		1. 2.2μm 4 2. 3.45 7		3C
12		500.00	219.39	219.39		1. 2.		
13		650.00	325.54	325.54		1. 2. 3. ,		
14	3D	650.00	317.14	317.14		1. CE FCC UL RoHS 2. PoE 3. 4.		
15	GenIcam	1,000.00	590.54	590.54		1. CE FCC UL RoHS 2. PoE 3. GenIcam		

	GigE Vision							
16	Cameralink	670.00	358.96	358.96		1. 2. CameraLink 3. PCIExpress 4. 5.		3C
17		670.00	300.05	300.05		1. 2. 3.		
18		1,200.00	714.64	714.64		1. 0.1mm 0.05mm 2. 99.5%		
19	SCI	500.00	216.52	216.52		1. 5% 2. 5		
20	3D	680.00	315.91	315.91		1. 2. 3. 4.		3C
21		1,500.00	964.91	964.91		1. 2.		

22	SCI	700.00	328.38	328.38		1. 99.95% 2. 3.		
23	SCI	800.00	406.55	406.55		1. 2. logo 3. 4.		logo
24	SCI	500.00	204.84	204.84		1. 9% 2. 3		
25		900.00	279.26	279.26		1. 2μm 5% 2. 0.001% 3. 0.1%		3C
26		800.00	148.90	148.90		1. 2. 3. 5 4. 60		3C
27		1,050.00	136.15	136.15		1. 1.z 0.5mm@1m 2. ≤0.2 3. “ ” “ ” ≤15min		
28		800.00	147.57	147.57		1. ≤50ms ≤1mm ≤0.5° ≤25ms 2. ≥1000 3. ≥98%		

						≤ 2s		
	/	19,920.00	8,972.48	12,808.41	/	/	/	/

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	736	621
%	33.21	35.77
	7,338.98	4,932.41
	9.97	7.45

		(%)
	476	64.67
	249	33.83
	11	1.50
	736	100.00
		(%)
40-50	16	2.17
30-40	158	21.47
30	562	76.36
	736	100.00

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5,818.38 7,644.15 13,710.57 8,972.48

11.09% 11.90% 15.67% 14.93%

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2022 6 30 736 33.21%

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3C

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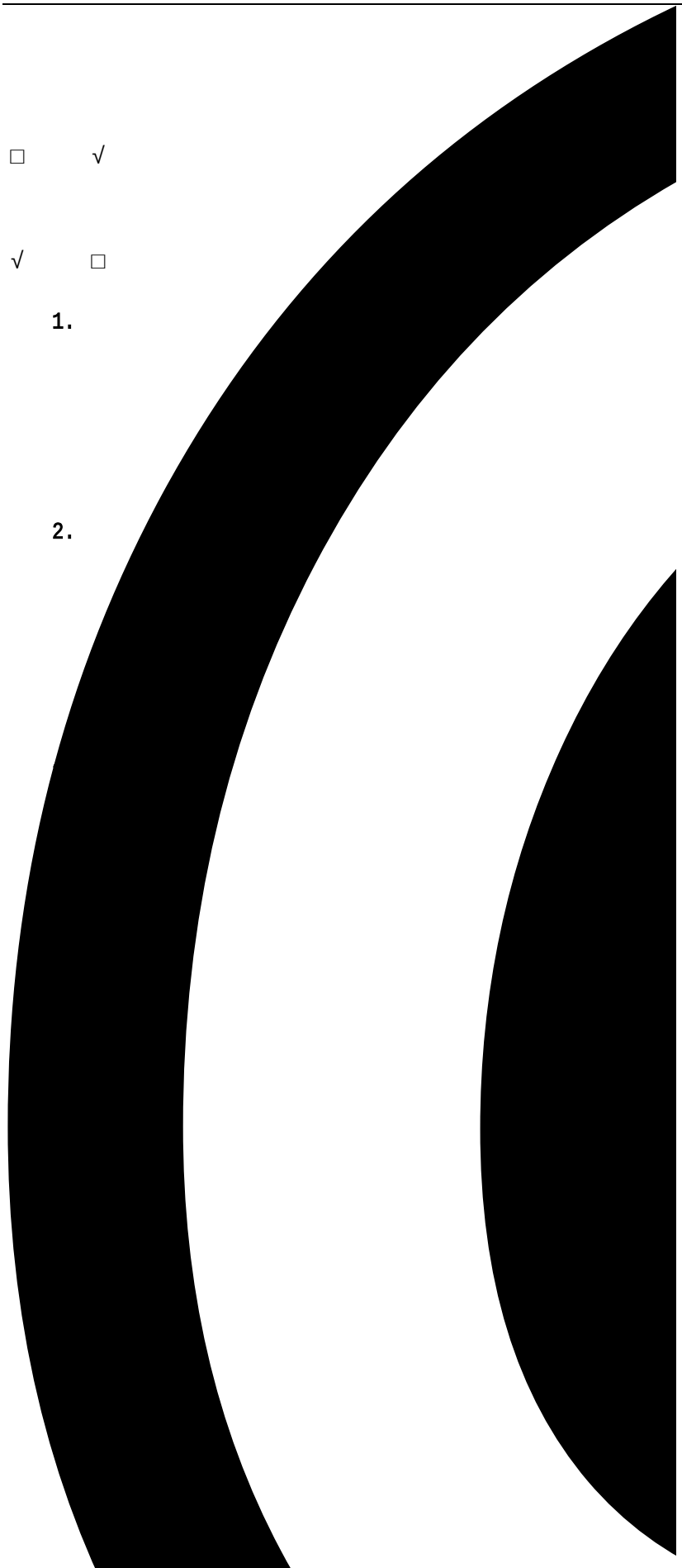

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58,913.79 20.41%

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2019-2022 5,380.90 7,176.75 15,434.58
19,547.59 8.33% 2.96% 5.71% 6.77%

3C

3C

LED

53.29% 51.34%
3C 132.46% 38.00%

61.82% 18.19% 47.97%
36.46%
38.78%

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			%
	600,957,502.67	392,033,259.37	53.29

	192,378,192.30	127,116,032.01	51.34
	96,663,359.72	59,733,277.10	61.82
	14,495,957.92	12,265,227.79	18.19
	-8,086,017.33	-10,638,742.22	
	89,724,750.84	60,635,416.35	47.97
	665,259.83	114,717,225.48	99.42
	34,867,185.11	-842,835,758.86	
	-96,950,158.50	-90,031,219.98	

: 53.29%,
132.46% 3C 3C 38.00%
: 51.34%,
: 61.82%,

: 18.19%,

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: 47.97%,

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90.38% 30.99%
38.55%
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	8,354,580.37	
	20,839,945.48	

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		%		%	%	
	534,761,955.53	18.52	595,464,822.48	22.04	10.19	
	1,136,107,380.76	39.35	1,236,639,206.37	45.78	8.13	
	62,346,372.01	2.16	32,426,741.51	1.2	92.27	
	589,137,944.64	20.41	400,435,200.55	14.82	47.12	
	51,126,195.59	1.77	46,399,675.08	1.72	10.19	
	4,188,097.12	0.15	1,850,625.40	0.07	126.31	
	12,262,887.15	0.42	9,382,252.63	0.35	30.70	
	195,475,937.99	6.77	154,345,799.87	5.71	26.65	
	196,802,667.19	6.82	123,307,283.94	4.56	59.60	
	65,494,606.64	2.27	66,452,133.12	2.46	1.44	
	357,357.05	0.01	534,239.27	0.02	33.11	
	11,668,622.67	0.4	6,643,563.40	0.25	75.64	
	1,962,409.80	0.07	340,160.00	0.01	476.91	
	137,673,046.80	4.77	88,245,200.84	3.27	56.01	

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33,508,377.77

		100.00	2,777.75	2,593.91	-	-98.30
		100.00	45,624.44	14,905.42	161.86	39.42
		100.00	-	-	-	-
		100.00	306.32	21.45	481.57	21.45

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2021	2022-4-25	www.sse.com.cn	2022-4-26	2021 2021 2021 2021 2021 2022 2022

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	1,618,463,800.00	1,535,969,003.72	1,535,969,003.72	1,535,969,003.72	450,897,703.95	29.36	129,230,881.96	8.41

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			54,499,000.00	54,499,000.00	23,546,266.46	43.20	2022 10						
			150,000,000.00	150,000,000.00	150,996,172.88	100.66							
			113,158,103.72	113,158,103.72	-	-							

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			(%)					
	0	24,570,000	29.79	24,570,000	24,570,000		0	
	0	24,024,000	29.13	24,024,000	24,024,000		0	
	0	6,006,000	7.28	6,006,000	6,006,000		0	
	0	4,800,000	5.82	4,800,000	4,800,000		0	
MORGAN STANLEY & CO.INTERNATIONAL PLC.	1,005,036	2,346,611	2.85	0	0		0	
	0	1,687,113	2.05	1,687,113	1,687,113		0	
A	203,400	1,680,110	2.04	0	0		0	
MATTHEWS ASIA FUNDS US	-429,951	1,511,389	1.83	0	0		0	
10	-612,223	1,449,777	1.76	0	0		0	

A	1,680,110		1,680,110
MATTHEWS ASIA FUNDS US	1,511,389		1,511,389
10	1,449,777		1,449,777
UBS AG	1,304,048		1,304,048
GOLDMAN, SACHS & CO.LLC	1,102,852		1,102,852
	801,454		801,454
50	720,190		720,190
Janchor Partners Pan Asian Master Fund RQFII	584,719		584,719
	455,200		455,200

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1		24,570,000	2023-12-31	0	36
2		24,024,000	2023-12-31	0	36
3					

5		1,687,113	2022-12-12	0	36
6		726,828	2022-12-31	0	24
7		168,557	2022-12-12	0	36

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	1	534,761,955.53	595,464,822.48
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	2	1,136,107,380.76	1,236,639,206.37
		-	-
	4	62,346,372.01	32,426,741.51
	5	589,137,944.64	400,435,200.55
	6	51,126,195.59	46,399,675.08
	7	4,188,097.12	1,850,625.40
		-	-
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		-	-
	8	12,262,887.15	9,382,252.63

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	43	3,915,807.33	3,633,430.85
	44	8,029,754.39	13,342,597.18
		247,317,305.15	177,834,846.11
		-	-
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		-	-
	47	3,725,218.10	5,801,649.41
		-	-
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		-	-
	51	985,022.79	2,384,919.80
	30	2,533,385.97	633,606.66
		-	-
		7,243,626.86	8,820,175.87
		254,560,932.01	186,655,021.98
	53	82,475,670.00	82,475,670.00
		-	-
		-	-
		-	-
	55	1,721,587,491.11	1,704,348,673.46
		-	-
	57	-1,232,666.32	-1,057,768.66
		-	-
	59	41,237,835.00	41,237,835.00
		-	-
	60	788,487,471.26	687,862,387.55
		2,632,555,801.05	2,514,866,797.35
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		2,632,555,801.05	2,514,866,797.35
		2,887,116,733.06	2,701,521,819.33

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		230,119,437.38	272,956,530.21
		1,025,926,558.84	1,120,968,164.70
		-	-
		62,346,372.01	32,426,741.51
	1	628,573,904.89	420,069,774.77
		51,126,195.59	46,399,675.08
		3,853,661.26	1,593,463.00
	2	318,784,140.35	315,469,354.29
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		194,033,577.63	152,495,398.51
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		502,387.79	57,389.50
		2,515,266,235.74	2,362,436,491.57
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	3	192,904,161.18	191,785,229.99
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		13,390,579.75	13,492,360.06
		129,880,826.18	97,874,650.05
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		7,334,257.16	9,073,773.37
		27,420,005.93	27,841,942.31
		-	-
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		192,282.24	310,902.72
		11,252,496.67	6,312,607.91
		1,962,409.80	340,160.00
		384,337,018.91	347,031,626.41
		2,899,603,254.65	2,709,468,117.98
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		138,768,536.76	87,895,496.15
		11,394.00	50,000.00

		21,205,746.28	18,728,378.45
		28,974,868.75	29,587,052.41
		40,120,638.91	21,140,836.70
		4,050,560.16	1,586,412.67
		-	-
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		-	-
		3,915,807.33	3,633,430.85
		8,029,754.39	13,342,597.18
		245,077,306.58	175,964,204.41
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		-	-
		-	-
		3,725,218.10	5,801,649.41
		-	-
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		-	-
		985,022.79	2,384,919.80
		1,863,983.83	-
		-	-
		6,574,224.72	8,186,569.21
		251,651,531.30	184,150,773.62
		82,475,670.00	82,475,670.00
		-	-
		-	-
		-	-
		1,721,587,491.11	1,704,348,673.46
		-	-
		-	-
		-	-
		41,237,835.00	41,237,835.00
		802,650,727.24	697,255,165.90
		2,647,951,723.35	2,525,317,344.36
		2,899,603,254.65	2,709,468,117.98

2022 1—6

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		2022	**2021**

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	61	600,957,502.67	392,033,259.37
	61	600,957,502.67	392,033,259.37
		-	-
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		390,443,409.21	251,485,307.79
	61	192,378,192.30	127,116,032.01
		-	-
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		-	-
	62	5,267,165.76	2,374,096.76
	63	96,663,359.72	59,733,277.10
	64	14,495,957.92	12,265,227.79
	65	89,724,750.84	60,635,416.35
	66	-8,086,017.33	-10,638,742.22
		347,633.15	69,766.65
		6,683,124.14	11,728,661.96
	67	8,354,580.37	7,379,420.55
“ ”	68	20,839,945.48	14,558,267.65
		-	-
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“ ”	70	-3,031,825.61	-
“ - ”	71	-13,673,998.99	1,592,850.64
“ - ”	72	-6,553,730.50	-4,914,903.63
“ ”	73	-5,062.03	21,710.26
“ ”		216,444,002.18	159,185,297.05
	74	531,033.91	587,859.33
	75	608,622.79	41,176.00
“ ”		216,366,413.30	159,731,980.38
	76	20,894,309.09	16,488,393.07
“ ”		195,472,104.21	143,243,587.31

1. “ ”		195,472,104.21	143,243,587.31
2. “ ”		-	-
1. “ - ”		195,472,104.21	143,243,587.31
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	77	-174,897.66	174,036.89
	77	-174,897.66	174,036.89
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6	77	-174,897.66	174,036.89
7		-	-
		-	-
		195,297,206.55	143,417,624.20
		195,297,206.55	143,417,624.20
		-	-
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(/)		2.3701	1.7368

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		2022	2021
	4	594,945,596.36	385,682,603.19
	4	193,060,014.57	127,211,667.20
		5,109,612.90	2,296,242.54
		85,959,779.61	52,981,155.96
		13,093,942.78	10,782,576.26
		85,190,704.55	56,803,921.86
		-4,024,541.01	-5,379,506.01
		347,633.15	69,766.65
		2,674,421.74	6,098,655.60
		8,354,580.37	7,379,420.55
“ ”	5	19,125,471.50	13,925,420.43
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“ ”		-2,541,605.86	-
“ - ”		-13,976,690.01	1,339,859.51
“ - ”		-6,553,730.50	-4,914,903.63
“ ”		-5,062.03	21,710.26
“ ”		220,959,046.43	158,738,052.50
		468,074.09	575,374.56
		600,751.69	39,251.70
“ ”		220,826,368.83	159,274,175.36
		20,583,786.99	15,607,233.03
“ ”		200,242,581.84	143,666,942.33
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		153,063,245.72	116,851,906.56
		57,062,017.37	62,173,446.00
	78	15,684,215.97	43,401,206.48
		342,606,286.77	306,724,748.12
		665,259.83	114,717,225.48
		2,026,000,000.00	1,240,000,000.00
		20,839,945.48	7,713,737.37
		550.00	74,416.00
		-	-
	78	-	-
		2,046,840,495.48	1,247,788,153.37
		83,473,310.37	49,623,912.23
		1,928,500,000.00	2,041,000,000.00
		-	-
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	78	-	-
		2,011,973,310.37	2,090,623,912.23
		34,867,185.11	-842,835,758.86
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	78	-	-
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		94,847,020.50	82,541,219.98

		-	-
	78	2,103,138.00	7,490,000.00
		96,950,158.50	90,031,219.98
		-96,950,158.50	-90,031,219.98
		714,846.61	144,565.30
		-60,702,866.95	-818,005,188.06
		595,464,822.48	1,625,665,557.36
		534,761,955.53	807,660,369.30

2022 1—6

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		2022	**2021**
		296,112,283.09	378,117,329.11
		4,519,725.30	6,220,683.43
		4,881,164.39	8,410,194.15
		305,513,172.78	392,748,206.69
		115,123,678.06	81,698,620.93
		143,666,135.81	111,716,173.04
		55,342,081.51	61,579,918.00
		11,972,058.09	329,635,025.28
		326,103,953.47	584,629,737.25
		-20,590,780.69	-191,881,530.56
		1,741,000,000.00	1,140,000,000.00
		19,125,471.50	7,203,737.37
		550.00	74,416.00
		-	-
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		38,043,605.86	48,808,720.14
		1,648,500,000.00	2,032,347,253.33
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		1,686,543,605.86	2,081,155,973.47
		73,582,415.64	-933,877,820.10
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		94,847,020.50	82,541,219.98
		2,103,138.00	7,490,000.00
		96,950,158.50	90,031,219.98
		-96,950,158.50	-90,031,219.98
		1,121,430.72	-1,000.93
		-42,837,092.83	-1,215,791,571.57
		272,956,530.21	1,612,131,615.02
		230,119,437.38	396,340,043.45

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	2022														
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	82,475,670.00	-	-	-	1,704,348,673.46	-	-1,057,768.66	-	41,237,835.00	-	687,862,387.55	-	2,514,866,797.35	-	2,514,866,797.35
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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	82,475,670.00	-	-	-	1,704,348,673.46	-	-1,057,768.66	-	41,237,835.00	-	687,862,387.55	-	2,514,866,797.35	-	2,514,866,797.35
	-	-	-	-	17,238,817.65	-	-174,897.66	-	-	-	100,625,083.71	-	117,689,003.70	-	117,689,003.70

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	-	-	-	-	-	-	-174,897.66	-	-	-	195,472,104.21	-	195,297,206.55	-	195,297,206.55
	-	-	-	-	17,238,817.65	-	-	-	-	-	-	-	17,238,817.65	-	17,238,817.65
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3	-	-	-	-	17,238,817.65	-	-	-	-	-	-	-	17,238,817.65	-	17,238,817.65
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	-	-	-	-	-	-	-	-	-	-	-94,847,020.50	-	-94,847,020.50	-	-94,847,020.50
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	82,475,670.00	-	-	-	1,721,587,491.11	-	-1,232,666.32	-	41,237,835.00	-	788,487,471.26	-	2,632,555,801.05	-	2,632,555,801.05

	2021														
	( )														
	82,475,670.00	-	-	-	1,702,198,525.43	-	-1,489,395.76	-	41,237,835.00	-	467,633,441.93	-	2,292,056,076.60	-	2,292,056,076.60
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	82,475,670.00	-	-	-	1,702,198,525.43	-	-1,489,395.76	-	41,237,835.00	-	467,633,441.93	-	2,292,056,076.60	-	2,292,056,076.60
“ ”	-	-	-	-	-	-	174,036.89	-	-	-	60,767,917.31	-	60,941,954.20	-	60,941,954.20
	-	-	-	-	-	-	174,036.89	-	-	-	143,243,587.31	-	143,417,624.20	-	143,417,624.20

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	82,475,670.00	-	-	-	1,702,198,525.43	-	-1,315,358.87	-	41,237,835.00	-	528,401,359.24	-	2,352,998,030.80	-	2,352,998,030.80

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	82,475,670.00	-	-	-	1,702,198,525.43	-	-	-	41,237,835.00	469,940,038.35	2,295,852,068.78
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	82,475,670.00	-	-	-	1,702,198,525.43	-	-	-	41,237,835.00	469,940,038.35	2,295,852,068.78
“ ”	-	-	-	-	-	-	-	-	-	61,191,272.33	61,191,272.33
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	1,056,540.96	1,322,143.62	-	-	2,378,684.58
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		(%)		(%)			(%)		(%)	
	37,511.00	0.01	37,511.00	100.00	-	106,661.30	0.03	106,661.30	100.00	-
	37,511.00	0.01	37,511.00	100.00	-	106,661.30	0.03	106,661.30	100.00	-
	624,160,849.03	99.99	35,022,904.39	5.61	589,137,944.64	424,802,973.64	99.97	24,367,773.09	5.74	400,435,200.55
	624,160,849.03	99.99	35,022,904.39	5.61	589,137,944.64	424,802,973.64	99.97	24,367,773.09	5.74	400,435,200.55
	624,198,360.03	/	35,060,415.39	/	589,137,944.64	424,909,634.94	/	24,474,434.39	/	400,435,200.55

√ □

			%	
	37,511.00	37,511.00	100.00	
	37,511.00	37,511.00	100.00	/

□ √

√ □

			%
1 1	610,436,174.62	30,521,808.97	5.00
1-2 2	7,190,850.55	719,085.03	10.00
2-3 3	5,503,626.95	2,751,813.48	50.00
3	1,030,196.91	1,030,196.91	100.00
	624,160,849.03	35,022,904.39	5.61

□ √

□ √

(3).

√ □

	106,661.30	-23,715.00	-	45,435.30	-	37,511.00

	24,474,434.39	10,627,575.98	-	69,571.28	27,976.30	35,060,415.39

□ √

(4).

√ □

	69,571.28

□ √

□ √

(5).

√ □

	107,808,295.66	17.27	5,390,414.78
	67,274,895.84	10.78	3,363,744.79
	40,192,286.78	6.44	2,009,614.34
	39,720,332.00	6.36	1,986,016.60
	35,957,058.85	5.76	1,797,852.94
	290,952,869.13	46.61	14,547,643.45

(6).

□ √

(7).

□ √

□ √

6

√ □

	51,126,195.59	46,399,675.08
	51,126,195.59	46,399,675.08

□ √

□ √

□ √

7

(1).

√ □

		(%)		(%)
1	4,188,097.12	100.00	1,850,625.40	100.00
	4,188,097.12	100.00	1,850,625.40	100.00

1

(2).

√ □

			%
		1,526,752.64	36.45
		264,750.36	6.32
		202,815.11	4.84
		185,400.00	4.43
		123,347.84	2.95
	/	2,303,065.95	54.99

□ √

8

√ □

	12,262,887.15	9,382,252.63
	12,262,887.15	9,382,252.63

□ √

(1).

□ √

(2).

□ √

(3).

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□ √

(1).

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(2). **1**

□ √

(3).

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□ √

(4).

2 3	1,384,326.90
3	96,687.72
	13,834,754.15

(5).

√ □

	3,747,818.41	3,623,880.20
	4,281,087.80	3,316,100.69
	4,392,655.32	1,977,697.26
	955,773.53	842,385.80
	457,419.09	371,924.93
	13,834,754.15	10,131,988.88

(6).

√ □

	12	( )	( )	
2022 1 1	749,736.25	-	-	749,736.25
2022 1 1	-	-	-	-
--	-	-	-	-
--	-	-	-	-
--	-	-	-	-
--	-	-	-	-
	822,130.75	-	-	822,130.75
	-	-	-	
	-	-	-	
	-	-	-	
	-	-	-	
2022 6 30	1,571,867.00	-	-	1,571,867.00

□ √

□ √

(7).

√ □

	749,736.25	821,575.97	-	-	554.78	1,571,867.00
	749,736.25	821,575.97	-	-	554.78	1,571,867.00

□ √

(8).

□ √

(9).

√ □

				(%)	
		4,392,655.32	1	31.75	219,632.76
		1,287,120.00	2-3	9.30	643,560.00
		641,875.52	1	4.64	32,093.78
		500,000.00	1-2	3.61	50,000.00
		400,000.00	1	2.89	20,000.00
	/	7,221,650.84	/	52.19	965,286.54

(10).

□ √

(11).

□ √

(12).

□ √

□ √

9

(1).

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		/			/	
	72,545,883.36	9,570,682.40	62,975,200.96	64,286,258.44	7,365,511.36	56,920,747.08
	7,837,624.44	36,050.85	7,801,573.59	4,436,412.80	28,782.81	4,407,629.99
	90,142,529.65	6,848,479.89	83,294,049.76	70,319,774.64	4,674,054.14	65,645,720.50
	1,230,789.26	124,517.98	1,106,271.28	2,938,859.30	58,636.32	2,880,222.98
	40,298,842.40	-	40,298,842.40	24,491,479.32	-	24,491,479.32
	212,055,669.11	16,579,731.12	195,475,937.99	166,472,784.50	12,126,984.63	154,345,799.87

(2).

√ □

	7,365,511.36	3,638,975.73	-	1,433,804.69	-	9,570,682.40
	28,782.81	8,302.38	-	1,034.34	-	36,050.85
	4,674,054.14	2,817,961.93	-	643,536.18	-	6,848,479.89
	58,636.32	88,490.46	-	22,608.80	-	124,517.98
	12,126,984.63	6,553,730.50	-	2,100,984.01	-	16,579,731.12

(3).

□ √

(4).

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(1).

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	-	-
	-	-
	3,844,517.37	2,292,766.78
	-	1,662,215.14
	3,844,517.37	3,954,981.92

14

(1).

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(2).

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(3).

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15

(1).

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(2).

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(3).

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16

(1)

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(3)

(1).

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1.	-	8	5,609,488.00	8,580,587.55	28,222,927.03
2.	-	9	11,327.43	1,273,086.36	1,734,502.28
1	-	9	11,327.43	1,273,086.36	1,734,502.28
3.	-	-	-	64,388.85	64,388.85
1	-	-	-	64,388.85	64,388.85
4.	-	7	5,620,815.43	9,789,285.06	29,893,040.46
1.	-	7	3,323,172.27	4,822,439.37	13,951,566.61
	-		837,632.29	693,897.93	1,754,900.17
1	-	223,369.95	837,632.29	693,897.93	1,754,900.17
3.	-	-	-	58,950.71	58,950.71
1	-	-	-	58,950.71	58,950.71

/

	196,802,667.19	123,307,283.94
	196,802,667.19	123,307,283.94

(2).

√ □

							(%)				(%)	
	595,731,200.00	97,874,650.05	32,006,176.13	-	-	129,880,826.18	21.80	21.80%	-	-	-	
	306,597,800.00	25,432,633.89	41,489,207.12	-	-	66,921,841.01	21.83	21.83%	-	-	-	
	902,329,000.00	123,307,283.94	73,495,383.25	-	-	196,802,667.19	/	/			/	/

(3).

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23

(1).

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(2).

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24

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1.	17,240,169.41	17,240,169.41
2.	362,047.81	362,047.81
3.	-	-
4.	17,602,217.22	17,602,217.22
1.	8,166,396.04	8,166,396.04
2.	2,101,564.02	2,101,564.02
(1)	2,101,564.02	2,101,564.02
3.	-	-
4.	10,267,960.06	10,267,960.06
1.	7,334,257.16	7,334,257.16
2.	9,073,773.37	9,073,773.37

26

(1).

√ □

1.	65,664,985.02	-	-	6,948,305.90	72,613,290.92
2.	-	-	-	153,369.58	153,369.58
(1)	-	-	-	153,369.58	153,369.58
(2)	-	-	-	-	-
(3)	-	-	-	-	-
3.	-				

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27

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(1).

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	271,218.77	-	95,724.27	-	175,494.50
	39,683.95	-	22,896.21	-	16,787.74
	223,336.55	-	58,261.74	-	165,074.81
	534,239.27	-	176,882.22	-	357,357.05

30 **/**

(1).

√ □

	55,779,542.73	8,368,135.05	37,569,347.72	5,637,456.28
	1,836,965.83	275,544.87	1,941,505.28	291,225.79
	-	-	-	-
	985,022.79	147,753.42	2,384,919.80	357,737.97
	306,768.34	46,015.25	361,306.89	54,196.03
	18,543,420.60	2,831,174.08	2,019,648.89	302,947.33
	77,451,720.29	11,668,622.67	44,276,728.58	6,643,563.40

(2).

√ □

	-	-	-	-
	-	-	-	-
	-	-	-	-
	4,161,311.10	624,196.66	4,224,044.43	633,606.66
	12,607,380.76	1,909,189.31	-	-
	16,768,691.86	2,533,385.97	4,224,044.43	633,606.66

(3).

□ √

(4).

√ □

	713,858.78	838,348.51
	31,587,407.90	26,302,639.22
	32,301,266.68	27,140,987.73

(5).

√ □

2022	-	844,076.77	/
2023	3,117,849.57	4,283,834.26	/

/

2024	7,981,145.28	8,153,900.50	/
2025	5,691,906.90	6,067,221.54	/
2026	6,941,135.30	6,953,606.15	/
2027	7,855,370.85	-	/
	31,587,407.90	26,302,639.22	/

□ √

31

√ □

	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-
	1,962,409.80	-	1,962,409.80	340,160.00	-	340,160.00
	1,962,409.80	-	1,962,409.80	340,160.00	-	340,160.00

32

(1).

□ √

(2).

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33

□ √

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□ √

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□ √

36

(1).

√ □

1 1	137,670,046.80	88,242,200.84
1-2 2	-	3,000.00
2-3 3	3,000.00	-
	137,673,046.80	88,245,200.84

(2). 1

□ √

□ √

37

(1).

√ □

1 (1)	11,394.00	244,022.15
1-2 (2)	-	-
	11,394.00	244,022.15

(2). 1

□ √

□ √

38

(1).

√ □

	21,678,804.93	18,728,378.45
	21,678,804.93	18,728,378.45

(2).

□ √

□ √

39

(1).

√ □

	30,611,591.25	144,594,321.40	145,066,617.08	30,139,295.57
-	-	6,941,588.84	6,941,588.84	-
	-	-	-	-
	-	-	-	-
	30,611,591.25	151,535,910.24	152,008,205.92	30,139,295.57

(2).

√ □

:

	30,576,591.25	124,206,007.76	124,678,303.44	30,104,295.57
	-	15,623,229.55	15,623,229.55	-
	-	2,745,231.09	2,745,231.09	-
	-	2,271,292.69	2,271,292.69	-
	-	165,776.78	165,776.78	-
	-	308,161.62	308,161.62	-
	-	1,809,853.00	1,809,853.00	-
	35,000.00	210,000.00	210,000.00	35,000.00
	-	-	-	-
	-	-	-	-
	30,611,591.25	144,594,321.40	145,066,617.08	30,139,295.57

(3).

√ □

1	-	6,792,959.61	6,792,959.61	-
2	-	148,629.23	148,629.23	-
3	-	-	-	-
	-	6,941,588.84	6,941,588.84	-

□ √

40

√ □

	18,293,119.84	4,900,970.24
	19,961,257.05	13,619,873.91
	566,700.61	1,226,138.48
	934,981.20	330,573.87
	66,467.23	25,000.13
	81,107.36	101,786.30
	934,945.32	330,573.86
	45,772.08	31,009.47
	40,884,350.69	20,565,926.26

41

√ □

	-	-
	-	-
	4,984,851.44	2,463,699.13
	4,984,851.44	2,463,699.13

□ √

□ √

/

(1).

√ □

	150,854.96	102,439.25
	1,422,286.61	1,111,132.73
	3,411,709.87	1,250,127.15
	4,984,851.44	2,463,699.13

(2). 1

□ √

□ √

42

□ √

43 1

√ □

1	-	-
1	-	-
1	-	-
1	3,915,807.33	3,633,430.85
	3,915,807.33	3,633,430.85

44

√ □

	-	-
	-	-
	8,029,754.39	13,342,597.18
	8,029,754.39	13,342,597.18

□ √

□ √

45

(1).

□ √

□ √

46

(1).

□ √

(2).

□ √

(3).

□ √

(4).

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47

√ □

	7,641,025.43	9,435,080.26
	3,915,807.33	3,633,430.85
	3,725,218.10	5,801,649.41

48

□ √

□ √

□ √

49

□ √

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□ √

51

√ □

	2,384,919.80	-	1,399,897.01	985,022.79	/
	2,384,919.80	-	1,399,897.01	985,022.79	/

√ □

							/
2020	916,919.80	-	-	69,017.94	-	847,901.86	
2020 314	768,000.00	-	-	768,000.00	-	-	
	200,000.00	-	-	62,879.07	-	137,120.93	
-2021 S201903411	500,000.00	-	-	500,000.00	-	-	
	2,384,919.80	-	-	1,399,897.01	-	985,022.79	/

□ √

52

□ √

53

√ □

		+					
	82,475,670.00	-	-	-	-	-	82,475,670.00

57

√ □

	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-
	-1,057,768.66	-174,897.66	-	-	-	-174,897.66		-1,232,666.32
	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-
	-1,057,768.66	-174,897.66	-	-	-	-174,897.66	-	-1,232,666.32
	-1,057,768.66	-174,897.66	-	-	-	-174,897.66	-	-1,232,666.32

58

□ √

59

√ □

	41,237,835.00	-	-	41,237,835.00
	-	-	-	-
	-	-	-	-
	-	-	-	-
	-	-	-	-

	600,908,565.94	192,378,192.30	391,971,040.77	127,116,032.01
	48,936.73	-	62,218.60	-
	600,957,502.67	192,378,192.30	392,033,259.37	127,116,032.01

(2).

□ √

(3).

□ √

(4).

□ √

62

√ □

	2,420,793.94	1,034,837.37
	1,452,454.86	620,902.43
	95,634.04	103,967.40
	251,785.81	200,454.60
	968,303.22	413,934.96
	78,193.89	-
	5,267,165.76	2,374,096.76

63

√ □

	65,651,264.99	42,233,293.02
	5,269,750.06	-
	9,872,449.74	5,767,024.16
	629,787.64	651,670.83
	5,836,673.56	4,004,101.09
	3,169,482.56	2,084,734.16
	2,848,717.39	2,807,880.70
	1,660,707.68	589,196.81
	392,779.95	419,967.66
	1,210,551.03	519,991.78
	121,195.12	655,416.89
	96,663,359.72	59,733,277.10

64

√ □

	7,504,616.20	6,039,488.39
	1,056,942.11	-
	1,292,642.92	1,175,265.66
	1,362,516.84	2,083,542.16
	1,510,192.61	655,355.10
	573,746.56	558,513.16
	836,589.10	684,826.72
	45,916.18	117,769.61
	203,722.92	201,456.85
	109,072.48	749,010.14
	14,495,957.92	12,265,227.79

65

√ □

	63,687,769.19	49,324,132.38
	9,702,036.87	-
	4,614,183.59	2,249,404.71
	5,440,546.88	6,010,850.79
	4,155,606.20	1,742,916.33
	703,196.13	566,588.26
	1,313,565.37	515,945.65
	83,675.29	99,967.91
	24,171.32	125,610.32
	89,724,750.84	60,635,416.35

66

√ □

	347,633.15	69,766.65
	-6,683,124.14	-11,728,661.96
	337,870.83	100,987.74

/

	-2,088,397.17	919,165.35
	-8,086,017.33	-10,638,742.22

67

√ □

2020	69,017.94	69,017.94
	6,934,683.36	5,960,402.61
2019	-	50,000.00
	-	200,000.00
2021	-	1,000,000.00
	-	100,000.00
	62,879.07	-
	768,000.00	-
2021	500,000.00	-
	20,000.00	-
	8,354,580.37	7,379,420.55

68

√ □

	-	-
	-	-
	-	-
	-	-
	-	-
	-	-
	-	-
	-	-
	-	-
	-	-
	-	-
	20,839,945.48	14,558,267.65
	20,839,945.48	14,558,267.65

69

□ √

70

√ □

	-3,031,825.61	-
	-	-
	-3,031,825.61	-

71

√ □

	-2,224,847.04	1,289,808.90
	-10,627,575.98	681,044.20
	-821,575.97	-378,002.46
	-	-
	-	-
	-	-
	-	-
	-13,673,998.99	1,592,850.64

72

√ □

	-	-
	-6,553,730.50	-4,914,903.63
	-	-
	-	-
	-	-
	-	-
	-	-
	-	-
	-	-
	-	-
	-	-

	-6,553,730.50	-4,914,903.63

	-	7,385.70	-
	-	-	-
	-	-	-
	-	-	-
	500,000.00	-	500,000.00
	-	31,666.00	-
	-	-	-
	108,622.79	2,124.30	108,622.79
	608,622.79	41,176.00	608,622.79

76

(1)

√ □

	24,019,589.05	16,551,423.87
	-3,125,279.96	-63,030.80
	20,894,309.09	16,488,393.07

(2)

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	216,366,413.30
/	32,454,962.00
	130,614.68
	-98,506.92
	-
	208,615.59
	-429,160.03
	1,441,241.47
	-12,813,457.70
	-
	20,894,309.09

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	20,000.00	1,882,484.77
	6,683,124.14	7,667,691.08
	1,870,933.99	593,646.55
	5,721,579.58	1,671,500.60
	14,295,637.71	11,815,323.00

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	13,391,499.53	31,292,822.56
	1,861,767.29	8,571,055.62
	337,870.83	100,987.74
	93,078.32	3,436,340.56
	15,684,215.97	43,401,206.48

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	-	7,490,000.00
	2,103,138.00	-
	2,103,138.00	7,490,000.00

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	195,472,104.21	143,243,587.31
	6,553,730.50	-581,827.23
	13,673,998.99	-
	1,754,900.17	1,568,289.31
	2,101,564.02	1,845,199.51
	1,110,896.06	1,055,678.05
	176,882.22	231,207.85
“ ”	5,062.03	-21,710.26
“ ”	-173.89	7,385.70
“ ”	3,031,825.61	-
“ ”	-542,111.12	67,646.17
“ ”	-20,839,945.48	-14,558,267.65
“ ”	-5,025,059.27	-22,954.18
“ ”	1,899,779.31	-9,410.00
“ ”	-47,683,868.62	-73,197,846.44
“ ”	-241,554,676.65	-6,586,104.12
“ ”	90,530,351.74	61,676,351.46
	-	-
	665,259.83	114,717,225.48
2		
	-	-
	-	-
	-	-
3		
	534,761,955.53	807,660,369.30
	595,464,822.48	1,625,665,557.36
	-	-
	-	-
	-60,702,866.95	-818,005,188.06

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	534,761,955.53	595,464,822.48
	15,819.69	63,242.77
	534,746,135.84	595,401,579.71
	-	-
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	-	-
	-	-
	-	-
	-	-
	534,761,955.53	595,464,822.48
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	-	-	70,902,600.31
	7,626,290.67	6.71	51,183,461.42
	2,212,638.69	0.86	1,892,248.61
	2,186,789.37	7.01	15,325,894.62
	22,333,047.00	0.05	1,097,131.52
	170,168.44	8.14	1,384,575.51
	12,647.94	1.53	19,288.63
	-	-	13,102,942.62
	1,252,140.17	6.71	8,403,709.54

	475,967.11	7.01	3,335,798.84
	27,266,812.00	0.05	1,339,756.75
	2,910.00	8.14	23,677.49
	-	-	348,011.49
	250,158.46	0.86	213,935.53
	16,090.20	7.01	112,766.56
	434,000.00	0.05	21,309.40
	-	-	1,398,918.83
	208,316.61	6.71	1,398,101.92
	116.56	7.01	816.91
	-	-	1,050,737.66
	66,663.14	7.01	467,201.95
	1,208,207.00	0.05	59,322.96
	612,970.94	0.86	524,212.75

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OPT Vision Limited 2016 2 4 89
10 1003
OPT Machine Vision GmbH OPT VisionL imited 2018
11 22 Hallesche Straße2, 10963 Berlin

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	6,954,683.36		8,285,562.43
	-		69,017.94
	6,954,683.36		8,354,580.37

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OPT Vision Limited				100.00	-	
				100.00	-	
				100.00	-	
				100.00	-	
				100.00	-	
OPT Machine Vision GmbH				-	100.00	
C-Cam Technologies				-	100.00	

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	534,761,955.53	-	-	534,761,955.53
	-	1,136,107,380.76	-	1,136,107,380.76
	62,346,372.01	-	-	62,346,372.01
	589,137,944.64	-	-	589,137,944.64
	-	-	51,126,195.59	51,126,195.59

2 2021 12 31

	595,464,822.48	-	-	595,464,822.48
	-	1,236,639,206.37	-	1,236,639,206.37
	32,426,741.51	-	-	32,426,741.51
	400,435,200.55	-	-	400,435,200.55
	-	-	46,399,675.08	46,399,675.08

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1 2022 6 30

	-	-	-
	-	-	-
	-	-	-
	-	137,673,046.80	137,673,046.80

2 2021 12 31

	-	-	-
	-	-	-
	-	-	-
	-	88,245,200.84	88,245,200.84

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30 46.61%

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	40%
	90%

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	2021 12 8 272 31.684 60 / 18 30 42 40% 30% 30% 31.684

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	295.08 / 2021 2021 12 8

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2022 6 30 82,475,670 39,588,322
122,063,992

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		(%)		(%)			(%)		(%)
	52,675,359.28	7.95	37,511.00	0.07	52,637,848.28	38,611,756.66	8.71	106,661.30	0.0 (

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			%	
	41,735,397.33	-	-	
	6,653,645.28	-	-	
	2,208,915.56	-	-	
	1,826,830.83	-	-	
	213,059.28	-	-	
	37,511.00	37,511.00	100.00	
	52,675,359.28	37,511.00	0.07	/

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			%
1 1	596,582,161.90	29,829,108.18	5.00
1-2 2	7,145,845.50	714,584.55	10.00
2-3 3	5,503,483.88	2,751,741.94	50.00
3	1,014,164.86	1,014,164.86	100.00
	610,245,656.14	34,309,599.53	/

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	106,661.30	-45,014.32	-	24,135.98	-	37,511.00
	23,373,043.90	10,981,990.93	-	45,435.30	-	34,309,599.53
	23,479,705.20	10,936,976.61	-	69,571.28	-	34,347,110.53

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	69,571.28

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	107,808,295.66	16.26	5,390,414.78
	67,274,895.84	10.15	3,363,744.79
	41,735,397.33	6.30	-
	40,192,286.78	6.06	2,009,614.34
	39,720,332.00	5.99	1,986,016.60
	296,731,207.61	44.76	12,749,790.51

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	318,784,140.35	315,469,354.29
	318,784,140.35	315,469,354.29

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1	315,667,600.10
1 2	3,145,668.00
2 3	1,353,150.00
3	87,535.00
	320,253,953.10

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	307,844,881.04	307,405,215.79

	4,286,240.22	3,316,100.69
	2,811,028.00	2,593,920.00
	4,392,655.32	1,977,697.26
	919,148.52	831,366.94
	320,253,953.10	316,124,300.68

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	12	( )	( )	
2022 1 1	654,946.39	-	-	654,946.39
2022 1 1	-	-	-	-
--	-	-	-	-
--	-	-	-	-
--	-	-	-	-
--	-	-	-	-
	814,866.36	-	-	814,866.36
	-	-	-	-
	-	-	-	-
	-	-	-	-
	-	-	-	-
2022 6 30	1,469,812.75	-	-	1,469,812.75

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	654,946.39	814,866.36	-	-	-	1,469,812.75
	654,946.39	814,866.36	-	-	-	1,469,812.75

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				(%)	
		303,247,762.25	1 1-2	94.69	-
		4,392,655.32	1	1.37	219,632.76
		1,838,369.98	2-3	0.57	-
		1,287,120.00	2-3	0.40	643,560.00
		1,021,841.95	1	0.32	-
	/	311,787,749.50	/	97.35	863,192.76

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	192,904,161.18	-	192,904,161.18	191,785,229.99	-	191,785,229.99
	-	-	-	-	-	-
	192,904,161.18	-	192,904,161.18	191,785,229.99	-	191,785,229.99

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	2,000,000.00	-	-	2,000,000.00	-	-

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OPT Vision Limited	5,246,819.93	660,731.50	-	5,907,551.43	-	-
	34,500,000.00	-	-	34,500,000.00	-	-
	150,038,410.06	458,199.69	-	150,496,609.75	-	-
	191,785,229.99	1,118,931.19	-	192,904,161.18	-	-

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	594,896,659.63	193,060,014.57	385,620,384.59	127,211,667.20
	48,936.73	-	62,218.60	-
	594,945,596.36	193,060,014.57	385,682,603.19	127,211,667.20

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	19,125,471.50	13,925,420.43
	19,125,471.50	13,925,420.43

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	-4,951.41	
	-	
	1,419,897.01	
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	17,808,119.87	
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	-77,699.50	
	-	
	2,999,632.90	
	-	
	16,145,733.07	

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	%		
	7.77	2.3701	2.3701
	7.13	2.1743	2.1743

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