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Sunny Optical (2382 HK)

Jun shipment worse than feared; Trim TP to reflect 3Q destocking

Sunny's June HCM/HSL shipment decline of 21%/16% YoY and 19%/20% MoM reflected worse-than-expected smartphone demand and continued inventory destocking after 618 Festival. While we remain positive on Sunny's auto lens recovery (+25.3% YoY in Jun), product roadmap and technology leadership, we believe sluggish HCM/HSL will continue into 3Q22E given inventory correction in Android camp and global macro uncertainties in 2H22E. We trimmed FY22-24E EPS by 5-9% to reflect lower smartphone demand, and our new EPS are 14-17% below consensus. Trading at 24.3x FY22E P/E, we think the stock is fairly valued. Maintain HOLD with lowered SOTP-based TP of HK\$108.8.

- Expect demand weakness to persist into 3Q22E. Sunny's June HCM/HSL shipment declined 21%/16% YoY and 19%/20% MoM, which is below market expectations, in our view. We believe it reflects demand weakness and inventory correction to continue in June following 618 Festival. Our recent check also suggested that high inventory level, soft Android demand and macro weakness will lead to inventory correction in 3Q22E. We trimmed FY22-24 EPS by 5-9% to factor in lower HCM/HSL shipment.
- 1H22E preview: revenue/NP to decline 17%/27% YoY. HCM/HSL shipment declined 9%/20% YoY in 1H22 due to COVID-19 impact in China and ASP pressure on de-spec trend. We estimate 1H22 revenue/NP to drop 17%/27% YoY to RMB16.4bn/1,957mn. Looking into 2H22E, mgmt. guided 1) smartphone weakness and cam de-spec to persist in 2H22E, 2) Apple's HLS to scale up with multiple projects in 2023, 3) higher cost pressure due to weak demand and intense competition will accelerate de-spec trend in 2H22E, 4) LiDAR projects to bear fruit in 2024, and 5) XR device/ camera shipment to exceed 50mn/350mn in 2025.
- Our FY22-24E are 14-17% below consensus; Maintain HOLD. While we remain positive on Sunny's product roadmap and technology leadership, Sunny's high exposure to handset segment (79% of sales, vs 8% for autorelated) will continue to weigh on earnings amid smartphone slowdown in 2022. Trading at 24.3x FY22E P/E, we think the stock is fairly valued. Maintain HOLD with new SOTP-based TP of HK\$108.8 (22.7x FY22E P/E).

Earnings Summary

(YE 31 Dec)	FY20A	FY21A	FY22E	FY23E	FY24E
Revenue (RMB mn)	38,002	37,497	35,024	40,620	47,672
YoY growth (%)	0.4	(1.3)	(6.6)	16.0	17.4
Net income (RMB mn)	4,882	4,993	4,342	5,234	6,513
EPS (RMB)	4.47	4.57	3.97	4.79	5.96
YoY growth (%)	22.4	2.3	(13.1)	20.6	24.4
Consensus EPS (RMB)	NA	4.56	4.68	5.80	6.91
P/E (x)	21.6	21.1	24.3	20.2	16.2
P/B (x)	6.2	5.0	4.3	3.7	3.1
Yield (%)	0.8	0.9	0.8	1.0	1.2
ROE (%)	29.0	23.9	17.8	18.2	19.1
Net Gearing (%)	Net cash				

Source: Company data, Bloomberg, CMBIGM estimates

HOLD (Maintain)

Target Price HK\$108.8 (Previous TP HK\$117.9)
Up/Downside -6%
Current Price HK\$116.3

China Technology Sector

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Stock Data

Mkt Cap (HK\$ mn)	127,564
Avg 3 mths t/o (HK\$ mn)	861.27
52w High/Low (HK\$)	259.40/ 93.55
Total Issued Shares (mn)	1,097
Source: Bloombera	

Shareholding Structure

SUN XU LTD	35.47%
JPMORGAN CHASE	4.86%
WENJIAN WANG	3.04%
Source: HKEx	

Share Performance

	Absolute	Relative
1-mth	-0.4%	0.2%
3-mth	-0.2%	0.5%
6-mth	-47.7%	-43.5%

Source: Bloomberg

12-mth Price Performance



Source: Bloomberg

Auditor: Deloitte Touche Tohmatsu

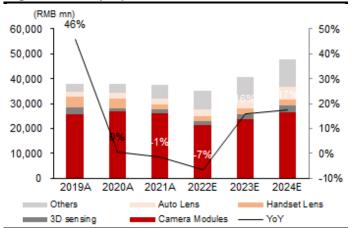
Related Reports:

1) 2H22 demand weakness affirmed; Technology leadership remains intact – 24 Jun 2022



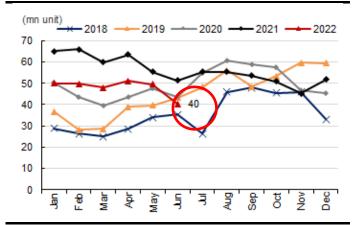
Focus Charts

Figure 1: Sunny Optical revenue trend



Source: Company data, CMBIGM estimates

Figure 3: Sunny HCM shipment trend



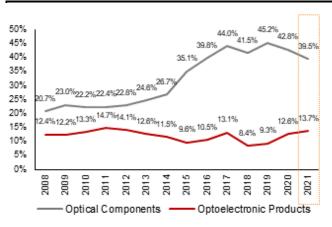
Source: Company data, CMBIGM estimates

Figure 5: Sunny next-gen handset camera products



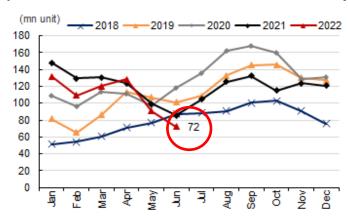
Source: Company data, CMBIGM estimates

Figure 2: Sunny Optical GPM trend



Source: Company data, CMBIGM estimates

Figure 4: Sunny HLS shipment trend



Source: Company data, CMBIGM estimates

Figure 6: Sunny opportunities in vehicle cameras



Source: Counterpoint, CMBIGM estimates



Earnings Revision

Figure 7: CMBIGM earnings revisions

		New			Old		Change (%)			
RMB mn	FY22E	FY23E	FY24E	FY22E	FY23E	FY24E	FY22E	FY23E	FY24E	
Revenue	35,024	40,620	47,672	35,752	41,632	49,104	-2%	-2%	-3%	
Gross profit	7,852	9,483	11,539	8,236	10,154	12,061	-5%	-7%	-4%	
Operating profit	5,232	6,282	7,782	5,605	6,873	8,192	-7%	-9%	-5%	
Net profit	4,342	5,234	6,513	4,730	5,745	6,866	-8%	-9%	-5%	
EPS (RMB)	3.97	4.79	5.96	4.33	5.26	6.28	-8%	-9%	-5%	
Gross margin	22.4%	23.3%	24.2%	23.0%	24.4%	24.6%	-0.6%	-1.0%	-0.4%	
Operating margin	14.9%	15.5%	16.3%	15.7%	16.5%	16.7%	-0.7%	-1.0%	-0.4%	
Net margin	12.4%	12.9%	13.7%	13.2%	13.8%	14.0%	-0.8%	-0.9%	-0.3%	

Source: Company data, CMBIGM estimates

Figure 8: CMBIGM estimates vs consensus

		CMBIGM			Consensus		Diff (%)			
RMB mn	FY22E	FY23E	FY24E	FY22E	FY23E	FY24E	FY22E	FY23E	FY24E	
Revenue	35,024	40,620	47,672	40,236	46,442	54,182	-13%	-13%	-12%	
Gross profit	7,852	9,483	11,539	9,039	10,886	13,203	-13%	-13%	-13%	
Operating profit	5,232	6,282	7,782	5,354	6,692	8,202	-2%	-6%	-5%	
Net profit	4,342	5,234	6,513	5,049	6,204	7,476	-14%	-16%	-13%	
EPS (RMB)	3.97	4.79	5.96	4.68	5.80	6.91	-15%	-17%	-14%	
Gross margin	22.4%	23.3%	24.2%	22.5%	23.4%	24.4%	0 ppt	-0.1 ppt	-0.2 ppt	
Operating margin	14.9%	15.5%	16.3%	13.3%	14.4%	15.1%	1.6 ppt	1.1 ppt	1.2 ppt	
Net margin	12.4%	12.9%	13.7%	12.5%	13.4%	13.8%	-0.2 ppt	-0.5 ppt	-0.1 ppt	

Source: Bloomberg, CMBIGM estimates

Figure 9: P&L forecast

<u> </u>							
RMB mn	FY20	FY21	1H22E	2H22E	FY22E	FY23E	FY24E
Revenue	38,002	37,497	16,418	18,606	35,024	40,620	47,672
YoY	0.4%	-1.3%	-17.2%	5.3%	-6.6%	16.0%	17.4%
Cost of sales	(29,304)	(28,761)	(12,786)	(14,386)	(27,172)	(31,137)	(36, 133)
Gross profit	8,698	8,736	3,632	4,221	7,852	9,483	11,539
GPM (%)	22.9%	23.3%	22.1%	22.7%	22.4%	23.3%	24.2%
YoY	12.2%	0.4%	-26.6%	11.4%	-10.1%	20.8%	21.7%
SG&A	(1,032)	(1,032)	(440)	(515)	(955)	(1,089)	(1,278)
% of rev	-2.7%	-2.8%	-2.7%	-2.8%	-2.7%	-2.7%	-2.7%
R&D	(2,499)	(2,642)	(1,018)	(1,377)	(2,395)	(2,762)	(3,242)
% of rev	-6.6%	-7.0%	-6.2%	-7.4%	-6.8%	-6.8%	-6.8%
Other gain & loss	698	252	698	252	537	484	-
Operating profit	5,877	5,851	2,420	2,812	5,232	6,282	7,782
OPM (%)	15.5%	15.6%	14.7%	15.1%	14.9%	15.5%	16.3%
YoY	22.3%	-0.4%	-27.7%	12.2%	-10.6%	20.1%	23.9%
Net profit	4,882	4,993	1,957	2,384	4,342	5,234	6,513
NPM (%)	12.8%	13.3%	11.9%	12.8%	12.4%	12.9%	13.7%
YoY	22.3%	2.3%	-27.2%	3.4%	-13.0%	20.6%	24.4%

Source: Company data, CMBIGM estimates



Figure 10: Major assumptions

	FY20	FY21	FY22E	FY23E	FY24E
Shipment volume (mn unit)					
Optical Components					
Handset lens sets	1,530	1,440	1,374	1,540	1,725
YoY(%)	14%	-6%	-5%	12%	12%
Vehicle lens sets	56	68	79	100	127
YoY(%)	12%	21%	16%	27%	27%
Optoelectronic Products					
Handset camera modules	593	674	617	688	757
YoY(%)	10%	14%	-8%	12%	10%
Other optoelectronic (3D sensing)	41	59	70	101	146
YoY(%)	-18%	45%	18%	45%	45%
Optical Instruments					
Microscopic instruments	195	258	287	316	348
YoY(%)	-1%	32%	11%	10%	10%
Revenue (RMB mn)					
Optical Components	9,181	8,776	10,801	12,886	15,374
Optoelectronic Products	28,494	28,334	23,941	27,425	31,957
Optical instruments	326	387	281	310	341
Total Revenue	38,002	37,497	35,024	40,620	47,672
YoY(%)	0.4%	-1.3%	-6.6%	16.0%	17.4%
Gross Margin	22.9%	23.3%	22.4%	23.3%	24.2%
Optical Components	42.8%	39.5%	36.5%	38.5%	40.5%
Optoelectronic products	12.6%	13.7%	12.3%	12.3%	12.3%
Optical instruments	39.2%	45.1%	46.4%	46.4%	46.4%

Source: Company data, CMBIGM estimates



Valuation

Maintain HOLD with new TP of HK\$108.8

We maintain HOLD with lowered TP of HK\$108.8. We derived our 12-month TP from SOTP valuation methodology and our TP is based on weighted-average target P/E multiple of 22.6x FY22E EPS, in order to reflect 1) Sunny's diversification in multiple businesses with different growth profiles, and 2) visibility of product upcycles across different segments.

We assign 15x P/E to its CCM business to reflect its China No.1 position, product upcycle and advanced technology capacity. We assign 35x P/E for its vehicle lens business to reflect the high-margin and high-growth industry nature of vehicle lens (25% CAGR FY20-23E) and Sunny's No.1 global market share. We apply a 25x P/E to its handset lens segment given secular upgrade trend and continued share gains from peers.

Figure 11: Sunny Optical – SOTP valuation

Business segment	% of FY22E Profit	FY22E EPS (RMB)	Target P/E
Camera modules	37.4%	1.49	15x
Handset lenses	46.4%	1.84	25x
Vehicle lenses	14.7%	0.58	35x
Others	1.5%	0.06	25x
Total (RMB) /Implied P/E		3.97	22.7x
TP (HK\$)			108.8

Sources: Company data, CMBIGM estimates

Figure 12: Peers' valuation

			Market			Up/						(0.0)
			Сар	Price	TP	Down		(x)		3 (x)		E (%)
Company	Ticker	Rating	(US\$ mn)	(LC)	(LC)	-side	FY22E	FY23E	FY22E	FY23E	FY22E	FY23E
Sunny Optical	2382 HK	HOLD	16,253	108.8	125.7	-6%	24.3	20.2	4.3	3.7	17.8	18.2
Q tech	1478 HK	BUY	767	5.08	7.0	38%	7.2	5.3	0.9	0.8	13.1	15.7
Cowell	1415 HK	NR	1,202	11.30	NA	NA	16.2	12.0	2.9	2.4	20.3	23.2
Truly	732 HK	NR	870	2.08	NA	NA	4.5	3.7	-	-	12.2	13.4
Catcher	2474 TT	NR	3,932	160.50	NA	NA	14.4	14.7	8.0	8.0	5.3	5.2
Largan	3008 TT	NR	8,378	1870.00	NA	NA	13.5	13.9	1.6	1.5	12.6	11.7
Lite-on	2301 TT	NR	4,514	57.20	NA	NA	10.2	8.8	1.8	1.7	17.5	18.8
Primax	4915 TT	NR	937	61.30	NA	NA	10.0	8.9	1.7	1.5	17.2	17.3
O-film	002456 CH	NR	3,124	6.42	NA	NA	-	-	2.6	2.6	(8.6)	(4.3)
			Average				12.2	11.0	2.1	1.9	12.5	13.0

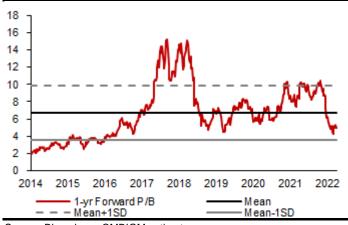
Source: Bloomberg, CMBIGM estimates

Figure 13: 12M forward P/E band

70 60 50 40 30 20 10 0 2015 2016 2017 2018 2019 2020 2021 2022 1-yr Forward P/E Mean — — Mean+1SD Mean-1SD

Source: Bloomberg, CMBIGM estimates

Figure 14: 12M forward P/B band



Source: Bloomberg, CMBIGM estimates



Financial Summary

Income statement						Cash flow summary					
YE 31 Dec (RMB mn)	FY20A	FY21A	FY22E	FY23E	FY24E	YE 31 Dec (RMB mn)	FY20A	FY21A	FY22E	FY23E	FY24E
Revenue	38,002	37,497	35,024	40,620	47,672	Profit before taxation	5,643	5,640	4,998	6,023	7,495
Cost of sales	(29,304)	(28,761)	(27,172)	(31,137)	(36, 133)	Depreciation/amortisation	1,570	1,638	1,753	2,053	2,353
Gross profit	8,698	8,736	7,852	9,483	11,539	Change in working capital	115	200	(167)	(954)	(459)
						Others	(168)	(499)	(334)	(442)	(591)
Selling expenses	(313)	(274)	(253)	(297)	(348)	Net cash from operating	7,160	6,979	6,250	6,680	8,798
Admin expenses	(719)	(758)	(703)	(792)	(930)						
R&D expenses	(2,499)	(2,642)	(2,395)	(2,762)	(3,242)	Capex	(2,271)	(2,498)	(3,000)	(3,000)	(3,000)
Other income	510	690	660	609	715	Other	(3,705)	5,400	0	0	C
Other gain/ losses	187	99	70	41	48	Net cash from investing	(5,976)	2,902	(3,000)	(3,000)	(3,000)
Operating profit	5,877	5,851	5,232	6,282	7,782						
						Net borrowings	1,017	0	0	0	C
Financial costs	(224)	(230)	(253)	(279)	(306)	Dividend paid	(796)	(974)	(847)	(1,021)	(1,271)
Investment income	0	19	19	19	19	Purchase of shares	(151)	0	0	0	C
Pre-tax profit	5,653	5,640	4,998	6,023	7,495	Other	(291)	2,215	(253)	(279)	(306)
						Net cash from financing	(222)	1,241	(1,100)	(1,300)	(1,577)
Income tax expense	(703)	(579)	(591)	(711)	(884)	•					
NCI	68	68	65	78	97	Net change in cash	962	11,122	2,150	2,380	4,221
Net profit	4,882	4,993	4,342	5,234	6,513	Cash at beginning of the year	1,917	2,842	5,605	7,755	10,136
						Exchange difference	(37)	(8,358)	0	0	C
						Cash at the end of the year	2,842	5,605	7,755	10,136	14,357
Balance sheet						Key ratios					
YE 31 Dec (RMB mn)	FY20A	FY21A	FY22E	FY23E	FY24E	YE 31 Dec	FY20A	FY21A	FY22E	FY23E	FY24E

Balance sheet						Key ratios					
YE 31 Dec (RMB mn)	FY20A	FY21A	FY22E	FY23E	FY24E	YE 31 Dec	FY20A	FY21A	FY22E	FY23E	FY24E
Current assets	25,630	27,989	27,840	36,160	39,030	Sales mix (%)					
Cash & equivalents	2,842	5,605	7,755	10,136	14,357	Optical components	24.2	23.4	30.8	31.7	32.3
Financial assets	8,480	8,314	8,314	8,314	8,314	Optoelectronic products	75.0	75.6	68.4	67.5	67.0
Deposits	238	1,112	1,112	1,112	1,112	Optical instruments	0.9	1.0	0.8	0.8	0.7
Account receivables	8,212	7,448	7,179	9,785	10,125						
Inventories	5,783	5,482	3,451	6,785	5,094	Growth (%)					
Other current assets	74	28	28	28	28	Revenue	0.4	(1.3)	(6.6)	16.0	17.4
						Gross profit	12.2	0.4	(10.1)	20.8	21.7
Non-current assets	9,809	10,785	12,015	13,000	13,695	Operating profit	22.3	(0.4)	(10.6)	20.1	23.9
Prepaid lease						Net profit	22.3	2.3	(13.0)	20.6	24.4
PPE	7,513	8,303	9,550	10,497	11,144						
Interest in associates	2	202	202	202	202	Profit & loss ratio (%)					
Other non-curr. assets	2,293	2,280	2,263	2,301	2,349	Gross margin	22.9	23.3	22.4	23.3	24.2
Total assets	35,438	38,774	39,854	49,160	52,724	Operating margin	15.5	15.6	14.9	15.5	16.3
						Net profit margin	12.8	13.3	12.4	12.9	13.7
Current liabilities	13,411	11,873	9,395	14,409	12,634						
ST borrowings	2,071	1,539	1,539	1,539	1,539	Balance sheet ratio					
Account payables	10,733	9,869	7,402	12,389	10,578	Net debt/total equity (x)	Net cash				
Other current liabilities	9,223	15,493	21,519	20,823	27,973	Current ratio (x)	1.9	2.4	3.0	2.5	3.1
						Receivable turnover days	85.7	76.2	76.2	76.2	76.2
Non-current liabilities	5,201	6,005	6,005	6,005	6,005	Inventory turnover days	68.1	68.1	60.0	60.0	60.0
LT borrowings		700	700	700	700	Payable turnover days	137.4	137.4	116.0	116.0	116.0
Others	5,201	5,305	5,305	5,305	5,305						
Total liabilities	18,612	17,879	15,400	20,414	18,639	Profitability (%)					
						ROE	29.0	23.9	17.8	18.2	19.1
Share capital	105	105	105	105	105	ROA	13.8	12.9	10.9	10.6	12.4
Reserves	16,492	20,483	23,978	28,191	33,434						
Minority interest	229	307	372	450	546	Per share data (RMB)					
Shareholders' equity	16,826	20,895	24,455	28,746	34,085	EPS	4.47	4.57	3.97	4.79	5.96
Total equity & liabilities	35,438	38,774	39,854	49,160	52,724	DPS	0.73	0.89	0.78	0.93	1.16

Source: Company data, CMBIGM estimates



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Stock with potential return of over 15% over next 12 months

Stock with potential return of +15% to -10% over next 12 months

Stell

Stock with potential loss of over 10% over next 12 months

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