

# 2009 Top Asia Security 25

'09 Ranking	'08 Ranking	Company	Headquarters	Product Group	Revenue (in US\$ millions)		Revenue Growth 2007-2008	Gross Profit (in US\$ millions)	
					2008	2007		2008	2007
1	4	VICTOR COMPANY OF JAPAN (JVC)	Japan	Video Surveillance	\$709.7	\$696.6	1.9%	*	*
2	6	TAMRON	Japan	Video Surveillance	\$680.7	\$742.4	-8.3%	\$205.3	\$227.0
3	8	AIPHONE	Japan	Access Control	\$387.9	\$452.8	-14.4%	\$10.4	\$28.6
4	9	POSDATA	Korea	Video Surveillance	\$308.8	\$298.7	3.4%	\$26.0	\$39.4
5	11	RCG	Hong Kong, China	Biometrics, RFID	\$258.4	\$185.6	39.2%	\$136.6	\$92.8
6	12	HIKVISION DIGITAL TECHNOLOGY	China	Video Surveillance	\$255.1	\$173.4	47.1%	*	*
7	15	HITRON SYSTEMS	Korea	Video Surveillance	\$132.0	\$121.2	8.9%	\$14.9	\$11.1
8	16	AVTECH	Taiwan	Video Surveillance	\$125.8	\$131.5	-4.3%	\$51.4	\$51.2
9	19	DAHUA TECHNOLOGY	China	Video Surveillance	\$92.5	\$59.3	55.9%	\$35.9	\$24.4
10	20	EVERFOCUS ELECTRONICS	Taiwan	Video Surveillance	\$86.4	\$100.3	-13.9%	\$31.3	\$35.5
11	21	CNB TECHNOLOGY	Korea	Video Surveillance	\$85.9	\$61.3	40.1%	\$19.8	\$15.4
12	24	CHINA SECURITY & SURVEILLANCE TECHNOLOGY (CSST)	China	Multiple	\$78.6	\$80.9	-2.9%	\$25.7	\$23.5
13	25	COMMAX	Korea	Video Surveillance	\$77.9	\$68.0	14.6%	\$16.6	\$13.6
14	29	IDIS	Korea	Video Surveillance	\$66.4	\$63.8	4.0%	\$31.6	\$29.4
15	31	YOKO TECHNOLOGY	Taiwan	Video Surveillance	\$60.2	\$73.8	-18.4%	\$13.5	\$18.8
16	34	KOCOM	Korea	Multiple	\$51.5	\$50.7	1.6%	\$14.3	\$14.1
17	35	GEOVISION	Taiwan	Video Surveillance	\$47.2	\$45.0	4.9%	\$32.2	\$30.2
18	37	DYNACOLOR	Taiwan	Video Surveillance	\$42.4	\$45.1	-6.0%	\$17.4	\$19.6
19	40	HI SHARP ELECTRONICS	Taiwan	Video Surveillance	\$38.9	\$42.9	-9.2%	\$6.2	\$9.0
20	41	TAIWAN VIDEO SYSTEM	Taiwan	Multiple	\$36.7	\$43.9	-16.4%	\$6.7	\$9.3
21	42	VIVOTEK	Taiwan	Video Surveillance	\$36.5	\$36.8	-1.1%	\$13.4	\$14.3
22	43 ('07)	C-PRO ELECTRONICS	Korea	Video Surveillance	\$32.5	\$26.9	20.9%	\$6.9	\$5.2
23	46	DALI TECHNOLOGY	China	Video Surveillance	\$31.5	\$26.6	18.4%	\$14.2	\$11.6
24	48	EVERSPRING INDUSTRY	Taiwan	Intrusion Detection	\$30.3	\$31.8	-4.7%	\$5.1	\$5.7
25	49	HUNT ELECTRONIC	Taiwan	Video Surveillance	\$29.7	\$37.3	-20.5%	\$8.0	\$10.3
<b>Average</b>					<b>\$253.2</b>	<b>\$237.0</b>	<b>7.9%</b>	<b>\$50.3</b>	<b>\$44.0</b>

	Profit Growth 2007-2008	Gross Margin 2008	Remarks
	*	*	Revenue comes from JVC's Professional Electronic division, which includes surveillance video equipment, audio equipment, professional video equipment and projectors.
	-9.5%	<b>30.2%</b>	Tamron specializes in camera lenses for surveillance, industrial vision and image processing.
	-63.5%	<b>2.7%</b>	Aiphone focuses on manufacturing intercom systems.
	-34.1%	<b>8.4%</b>	Established in 1989, Posdata is an IT service provider, with a focus on security systems and network integration. Its main products are DVRs.
	47.2%	<b>52.9%</b>	RCG is a provider of biometric and RFID products. It focuses on developing, sourcing and selling products, solutions and services in the Asia-Pacific markets.
	*	*	Hikvision's products range from AV compression boards to embedded network DVRs and multipurpose DVRs.
	34.1%	<b>11.3%</b>	Founded in 1986, Hitron develops and manufactures video surveillance systems and security components. Its solutions are for professional, commercial and residential applications.
	0.4%	<b>40.9%</b>	Established in 1996, AVTECH manufactures stand-alone DVRs, cameras and supplies semiconductor components, such as quad processors.
	46.9%	<b>38.8%</b>	Dahua provides full surveillance product lines, including stand-alone DVRs, DVR compression boards, speed domes, network cameras, network storage and software.
	-12.0%	<b>36.2%</b>	EverFocus specializes in surveillance systems and digital image processing. It supplies a wide range of products, including DVRs, cameras and access control devices.
	29.2%	<b>23.1%</b>	CNB is a total security solution company. It supplies DVRs, domes, PTZ, IR and weatherproof cameras to the worldwide markets.
	9.4%	<b>32.8%</b>	CSST specializes in developing and integrating security and surveillance solutions. It supplies a wide array of security products, such as surveillance, access control, intrusion detection, intercoms and intelligent software.
	22.5%	<b>21.3%</b>	Established in 1968, Commax specializes in communication technology, offering video doorphones, home automation, security surveillance and VoIP.
	7.5%	<b>47.6%</b>	Founded in 1997, the company's main products are DVRs.
	-28.2%	<b>22.4%</b>	Yoko makes monitors, quad processors, multiplexers, VCRs, DIY surveillance kits and wireless systems.
	1.7%	<b>27.8%</b>	Kocom specializes in-home networks and home automation systems, as well as intercoms, surveillance and multimedia solutions.
	6.6%	<b>68.1%</b>	Concentrating on the digital video surveillance technology, GeoVision provides video analytics, hybrid DVRs and network video products, central monitoring stations, access control systems, PoS /ATM DVR systems and license plate recognition systems.
	-10.9%	<b>41.1%</b>	DynaColor produces cameras, speed domes, DVRs, control panels and extended system storage.
	-31.3%	<b>16.0%</b>	Hi Sharp provides full product lines in CRTs, LCDs, cameras, DVRs and other peripherals.
	-27.9%	<b>18.3%</b>	Taiwan Video System manufactures surveillance, PoS and IPCD monitors. It also supplies special cameras.
	-6.3%	<b>36.8%</b>	VIVOTEK provides network cameras, video servers, video receivers, NVRs and video management software. VIVOTEK enjoyed steady growth in 2007, with more than 660,000 network cameras sold worldwide.
	31.5%	<b>21.1%</b>	C-Pro manufactures CCD and dome cameras for surveillance and video-conferencing devices.
	22.0%	<b>45.0%</b>	Dali is a manufacturer of video surveillance products, including a full range of DVRs, security cameras and IR thermal imaging cameras.
	-10.5%	<b>16.9%</b>	Everspring focuses on developing and supplying wireless home security and home automation solutions. It launches Z-wave and U-NET products at the end of 2007.
	-22.3%	<b>27.1%</b>	Hunt manufactures DVRs, quads, multiplexers and rear-view systems, as well as IR, LAN, bullet, dome and miniature cameras.
	<b>4.9%</b>	<b>37.2%</b>	