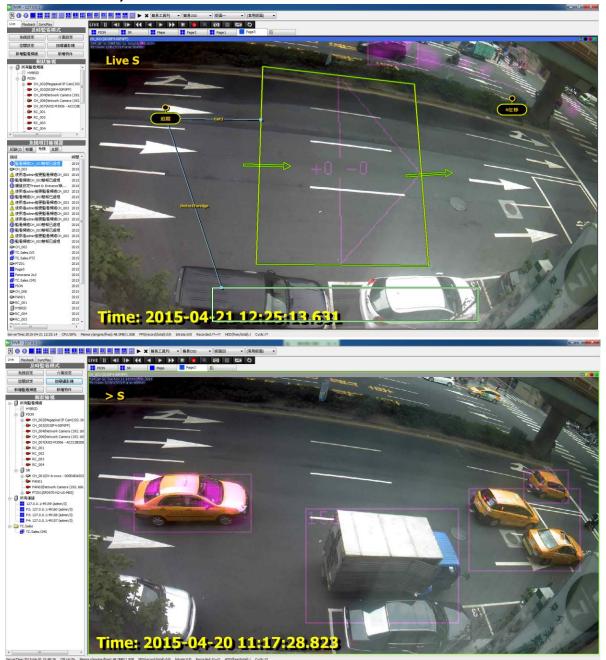
Detecting parking violation with intelligent video

Parking violation could be a challenge to detect. Most cameras only have basic motion detection, which is unable to tell if a car is passing by or stopping. Genius Vision NVR Intelligent Video can track moving objects and fire alarms if it stops moving for few seconds, with easy and flexible configuration to define region of interest and object size.



Events can be viewed easily with Storage Report, or exported as an HTML file.

								Data size	•][Reset	Save As
se Search Recordin	_		Events Archived Logs Re	ecording gap							
	Size	Activity	Туре	Start	End	Duration	Channel				
CH_002(Megapix			★ Motion Detected	2015-04-20 13:37:25	2015-04-20 15:55:02	2h 17m 36s	CH_003				
2015-4-20 Mon	42.7GB	888795	🙎 User: admin(192.168		2015-04-20 15:54:55	6d 4h 24m	/Sys				
2015-4-19 Sun	70.8GB	1034485	🙎 User: admin(192.168	2015-04-14 11:29:56	2015-04-20 15:54:55	6d 4h 24m	/Sys				
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22:00	3.1GB	30005	User: admin(192.168	2015-04-14 11:29:56	2015-04-20 15:54:55	6d 4h 24m	/Sys				
1:00	3.3GB	41855	User: admin(127.0.0	2015-04-14 11:29:18	2015-04-20 15:54:55	6d 4h 25m	/Sys				
20:00	3.3GB	43535	Recording	2015-04-20 12:13:45	2015-04-20 15:54:52	3h 41m 6s	CH_003				
· 19:00	3.5GB	57126	Foreign object	2015-04-20 15:41:20	2015-04-20 15:41:22	1s	CH 003				
18:00	3.5GB	71414	Video analytics inactive	2015-04-20 15:38:10	2015-04-20 15:38:12	15	CH 003				
17:00	4.0GB 3.5GB	90621 83212	Video analytics inactive		2015-04-20 15:37:32	26s	CH_003				
15:00	3.5GB 2.7GB	71133	Foreign object	2015-04-20 15:36:30		2s	CH_003				
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There're a lot of parameters to be tweaked to fit all kind of applications and scenes. Under different conditions, Intelligent Video may behave very differently.

Function Object	t Setup			٢
Channel	CH_003	3/9991bf	55-69c4-45c0-8095-61e5e8eeb1d: Driver StarDotCam	
Description			Class Object Detectior 👻	
Active Profile	Default	:	Others << >>>	
Object Detection	1issing/F	oreign		
			General	
Metho	d 📃		histogram Primary detect method	
Adaptativ	e 📃		medium The speed of background learning	
Sensitivit	y 🔳		medium Sensitivity of differentiating foreground(objects) and background 	
AutoRese	et 🔽	10min	10min Reset background background every X minutes	
BufferMod	e 📃		64k ▼ Buffer mode	
Fp	s 🔳		5fps Computer vision analysis frame rate	
TrackDuratio	n 🔳		3s Duration to track an object	
TripwireAlarr	n 🔳		off Trigger alarm when object trespassing tripwire	
Predic	t 🔽	low	low Predict object location when lost track	
Filte	er 🔽	low	low Filter out objects with unstable behavior	
NormalizeHis	st 🔽	low	low Normalize histogram to enhance image contrast and compensate lighting change	
ShiftHis	st 🔽	low	low Shift histogram to compensate lighting change 	
			Apply OK Cancel	

Equipments

StarDot NetCam SC	3 megapixels H.264 PoE
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Reference Object Tracking