

Fixing Windows10 OS for running SkyRaider cameras on MallincamSky software Doug Murphy May 25, 2018

Ref: “How to Tweak Windows 10 for Gaming and Productivity”
<https://www.youtube.com/watch?v=Hdb4iybN8gg>

I used the above reference on YouTube to strip down my Windows10 operating system to a simpler state that lets me run my DS16m camera with MallincamSky software, so that operations are now much quicker and smoother. Before simplifying Windows I could hardly run the camera on my laptop, a new HP Pavilion 17” with 32GB RAM and SSD. I am running Windows10 Home, 64bit, version 1709 build 16299.431. Especially difficult for me and on my laptop were MCSky stacking and file saving. They always got stuck and/or crashed the program. Stacking required that I use the Task Manager/Affinity adjustment to select one processor, a procedure usually used for single-threaded programs. But MCSky is multi-threaded, but somehow this procedure gets stacking to work, and I only knew that the big chip was a problem.

Rock and others had encouraged me to inactivate virus protection and simplify the Windows10 OS. I used the above link to do this and am including here the details of what I did.

Settings/System/Privacy settings

General	all off
Location	all off
Camera	all off
Microphone	yes for messaging, voice recorder
Notifications	off
Speech	ignore
Account info	on
Contacts	off
Calendar	off
Call history	off
Email	on
Tasks	off
Messaging	off
Radios	on (for Bluetooth
Other devices	on on (for headphones)
Feedback	basic/off/never
Backgd apps	leave on alarms and clock, photos, settings, sticky notes, voice recorder (need for broadcasting)

System settings

Display	skip
Apps and features (found under main windows settings, gear icon)	Removed, uninstalled about 10 apps
Notifications and actions	keep top 2 only
Power and sleep	10/15/never/never
Battery	battery saver status off; keep lower screen brightness when in battery saver

Storage storage sense off
Tablet mode use approp mode/ always ask/ on/ off
Multi-tasking all on
Projecting to this PC off/every time/off/on
Shared experiences on/ my devices only
Remote desktop skip
About skip
Apps did not change

Power and sleep settings 10/15/never/never

Additional power settings choose “high performance settings” not the default; save as powerplan 1
Use Max brightness

Services rt click on properties, turn off all of the following

AllJoynRouterServ, dmmappushsvc, downloadMaps, DiagnosticTrackingSvc, GeolocationSvc, HyperV (all), MSWindowsSMSRouterSvc, RemoteAccessDesktopSvcs, TouchKeyboard/Handwriting, XboxLive (all)

System, Display, System Properties, Advanced, Settings under Preferences, remove all except Show window content while dragging, Smooth edges of screen fonts, Show thumbnails

IN CCLEANER (separate program for maintaining computer)

Tools uninstall all programs not needed, I only removed a few
Tools Startup, I didn't touch these
Tools Browser no changes
Cleaner, Analyze, Run cleaner removes lots of junk files
Registry, Analyze, fix issues, don't save

Defragging hard disk, not part of CCleaner. Defragging is not done on SSDs. I didn't do this

Reboot computer and try your camera using MCSky!