



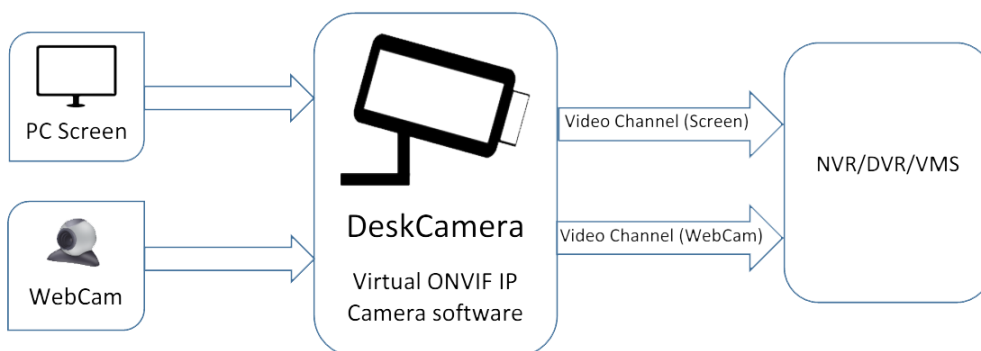
## Overview:

DeskCamera is a virtual ONVIF IP camera which allows one to easily include PC workstations in the surveillance system of an organization. The software captures computer screens and webcams, then streams them as real-time live video feeds from a virtual IP camera.

DeskCamera is a software-only, easily integrated solution for any organization that needs to monitor PC operator activities with their existing surveillance environment.

Using ONVIF standard means that DeskCamera is compatible with many Video Management Systems (VMS) or Network Video Recorders (NVR). It can be easily integrated into existing CCTV setups and used side by side with other IP cameras.

The software can perform in cash terminals, banks, supermarkets, exam/certification centers, SCADA terminals, and any industry that uses a Windows PC as a point of service or information.



## System requirements:

- x64 or x86 OS starting at Windows 7 SP1 or later
- .NET Framework 4.5
- Microsoft Visual C ++ 2015 Redistributable Package (x64 or x86)
- Medium-performance PC
- Internet connection is required for the Online activation of the license (The Internet is not required for the Offline activation)




## Additional requirements for hardware accelerated encoding:

- Windows 8 or later
- one of the following:

[Intel CPU with Intel QSV \(I3, I5, I7\)](#)

[Nvidia GPU with NVENC](#)

[AMD GPU with VCE](#)

<b>Camera features</b>	
Camera protocol	ONVIF , Profile S ready *
Streaming protocol	RTSP/RTP
Auto discovery over the network	✓
<a href="#">Multiple channels mode</a>	✓
<a href="#">Multiple cameras mode</a>	✓
Manage streaming parameters in NVR/VMS	✓
ONVIF motion events	by mouse or keyboard activity
Streams	MainStream, SubStream, SubStreamJpeg, VMS/NVR defined
RTSP authentication	Digest and Basic
ONVIF authentication	WS-UsernameToken
<b>Media</b>	
Stream PC desktops (1, 2 or more desktops)	✓
Stream webcams (1, 2 or more webcams)	✓
<a href="#">Stream user-defined Screen areas</a>	✓
Stream audio (Microphone) along with video	✓
Audio-only (no video) streams	✓
Convert 3th party HTTP H264/MJPEG stream to ONVIF	✓
Convert 3th party RTSP H264/MJPEG stream to ONVIF	✓
Total number of medias (desktops + webcams + external streams)	20
<b>Encoder capabilities</b>	
Resolution	640*480 - 1920*1080 . Higher resolutions are automatically scaled down to FullHD
FPS	3 - 60** fps
Bitrate limit	512 - 8192 Kbps
Rotation	Auto, None, R90, L90, FlipH, FlipV
Encoding	H264 and MJPEG
Audio	G711 u-law and AAC
<b>Video overlay</b>	
Cursor overlay	✓
Timestamp overlay	✓
Custom text overlay	✓
<b>Hardware accelerated encoding</b>	
OS	Windows 8 or newer
 Intel	<a href="#">CPU with Intel QSV (I3, I5, I7)</a>
 NVIDIA Nvidia	<a href="#">GPU with NVENC</a>
 AMD	<a href="#">GPU with VCE</a>
<b>Application features</b>	
Autostart with Windows	✓
Protect by password	✓
Prevent Windows entering idle state	✓

Run in background	✓
Manage streaming parameters in the application	✓
Connect external streams as input sources	HTTP and RTSP
Runtime indication of the connected VMS/NVR clients	✓
Test media sources	✓

## License:

PC-based license. Once it is activated, it ties to the PC hardware. License transfer to another PC is possible by request and only during the first 6 month after the first activation.

There are 2 licenses available:

- Trial, with watermark on the video feed and a 15-day demo period starting from activation date
- Commercial, with unlimited period and no watermark. Software updates are free during the all period of a License

For more details please visit <http://helpdesk.deskcamera.com/kb/faq.php>