



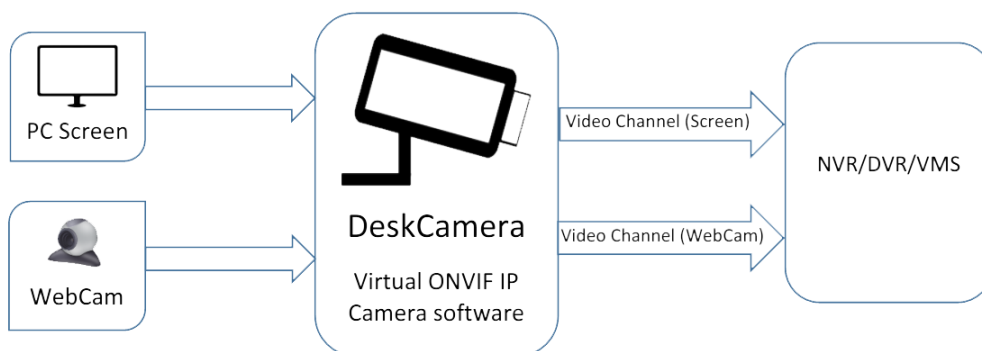
Overview:

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 ++ 2015-2019 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](#)

Camera features




Camera protocol	ONVIF , Profile S ready *
Streaming protocol	RTSP/RTP
Auto discovery over the network	✓
Multiple channels mode	✓
Multiple cameras mode	✓
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

Media

Stream PC desktops (1, 2 or more desktops)	✓
Stream webcams (1, 2 or more webcams)	✓
Stream user-defined Screen areas	✓
Combine screens and webcams to Picture in Picture medias	✓
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

Encoder capabilities

Resolution	Default: 640*480 - 1920*1080 . Higher resolutions are automatically scaled down to FullHD After config file change: 640*480 - 4096*2160 (4K)
FPS	3 - 60** fps
Bitrate limit	512 - 8192 Kbps

Rotation	Auto, None, R90, L90, FlipH, FlipV
Encoding	H264, Hardware accelerated H264, Hardware accelerated H265 , MJPEG
Audio	G711 u-law and AAC
Video overlay	
Cursor overlay	✓
Timestamp overlay	✓
Custom text overlay	✓
Hardware accelerated encoding	
OS	Windows 8 or newer
 Intel	CPU with Intel QSV (I3, I5, I7)
 Nvidia	GPU with NVENC
 AMD	GPU with VCE
Application features	
Offline installation	✓
Remote deployment	✓
Autostart with Windows	✓
Hidden mode	✓
Protect by password	✓
Prevent Windows entering idle state	✓
Run in background	✓
Maintain streaming from a Terminal PC when RDP session get disconnected	✓
Manage streaming parameters in the application	✓
Convert external streams to ONVIF	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. A license transfer to another PC is free during the first 6 month since the license was activated first time.

If the period since the license get activated is more then 6 month - a user may request a paid transfer. In case of the paid transfer we will void the old license and provide a replacement license with 50% discount.

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>