INSTALLATION GUIDE

ITVDESK - ONVIF IP CAMERA

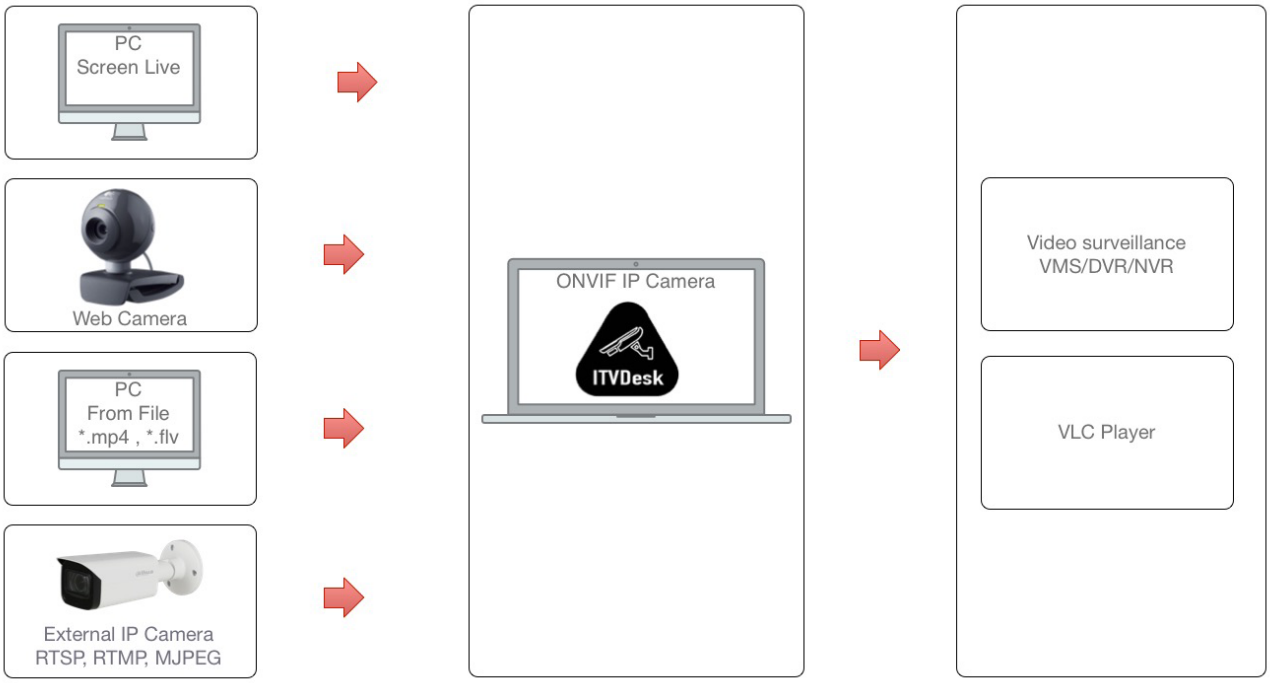
ITVDESK INTEGRATION
IPCONFIGURE ORCHID VMS

TABLE OF CONTENT

1. Overview 3
2. Copyright, Trademarks and Disclaimers 3
3. License 4
4. System requirements 5
5. Installation 5
    a. Installation on Windows platform 6
    b. Installation on Linux platform 13
6. After Installation 14
7. Support centre 20
8. IPConfigure Orchid 21

1. OVERVIEW

ITVDesk is a software solution for PC surveillance. The software allows you to shoot in real-time in high definition, picture and sound on your computer's display on a video recorder (DVR) or network video recorder (NVR). The software allows to stream a PC desktop, webcam, From File or External IP Camera via the RTSP and ONVIF protocol. Each terminal with the Windows, Linux or Mac Osx operating system can be equipped with a solved ITVDesk application. The ITVDesk is ideal for controlling POS cash registers, casinos, education, healthcare, banking, control terminals, or even controlling workforce staff.



2. COPYRIGHT, TRADEMARKS AND DISCLAIMERS

Using the software user agrees with ITVDesk software EULA.

3. LICENSE

ITVDesk software uses PC-based, hardware-tied licenses.

A license can be activated via the Internet, or manual/offline activation must be performed.

Once the license is activated, it is tied to the PC hardware. User may use the same license after reinstalling ITVDesk or Windows; however, User must purchase a new license to use the software on a new PC or request a license transfer to another PC.

Three kinds of licenses are available:

One-Time Purchase, with unlimited period and no watermark. Software updates are free during the all period of a License.

One-Year Subscription, with One-Year period and no watermark. Software updates are free during the all period of a License.

Trial, with watermark on the video feed and a 15-day demo period starting from the activation date. The user may request as many trial licenses as necessary for use on different PCs on the user's network.

4. SYSTEM REQUIREMENTS

WINDOWS:

- x64 or x86 OS starting at Windows 7 SP1 or later.
- Microsoft Visual C ++ 2019 Redistributable Package (x86).
- Medium-performance PC.
- Not Internet connection required.

LINUX:

- Linux x64 or x86 OS
- Medium-performance PC.
- Not Internet connection required.

5. INSTALLATION

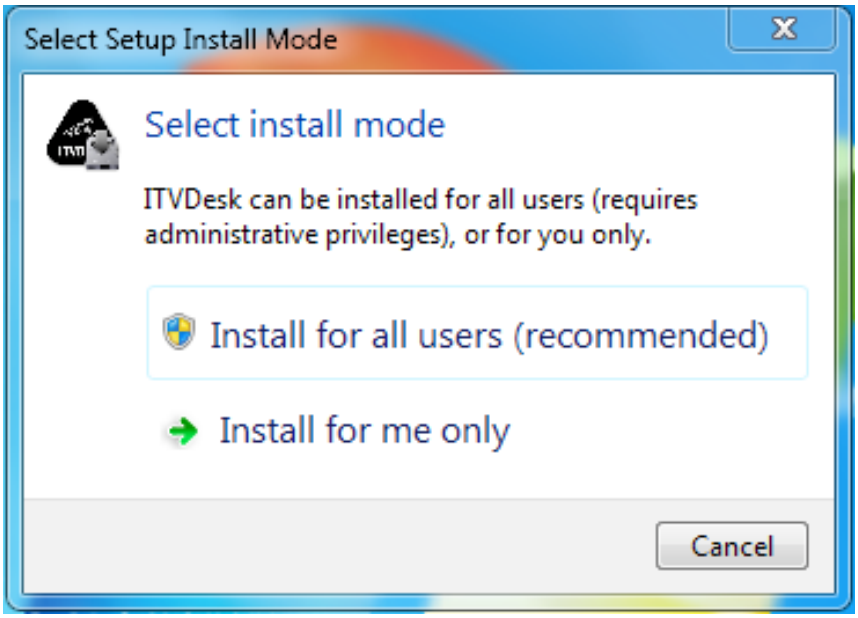
WINDOWS:

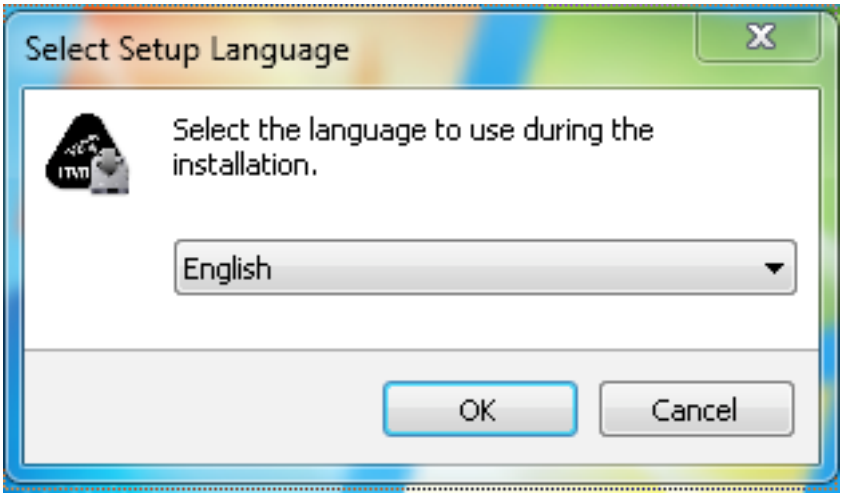
1. Download ITVDesk setup package Download
2. Install it
3. Click Trial button or send us request license
   - a) One-Year Subscription
   - b) One-Time Purchase
4. Activate the license via load licences file
5. Use it

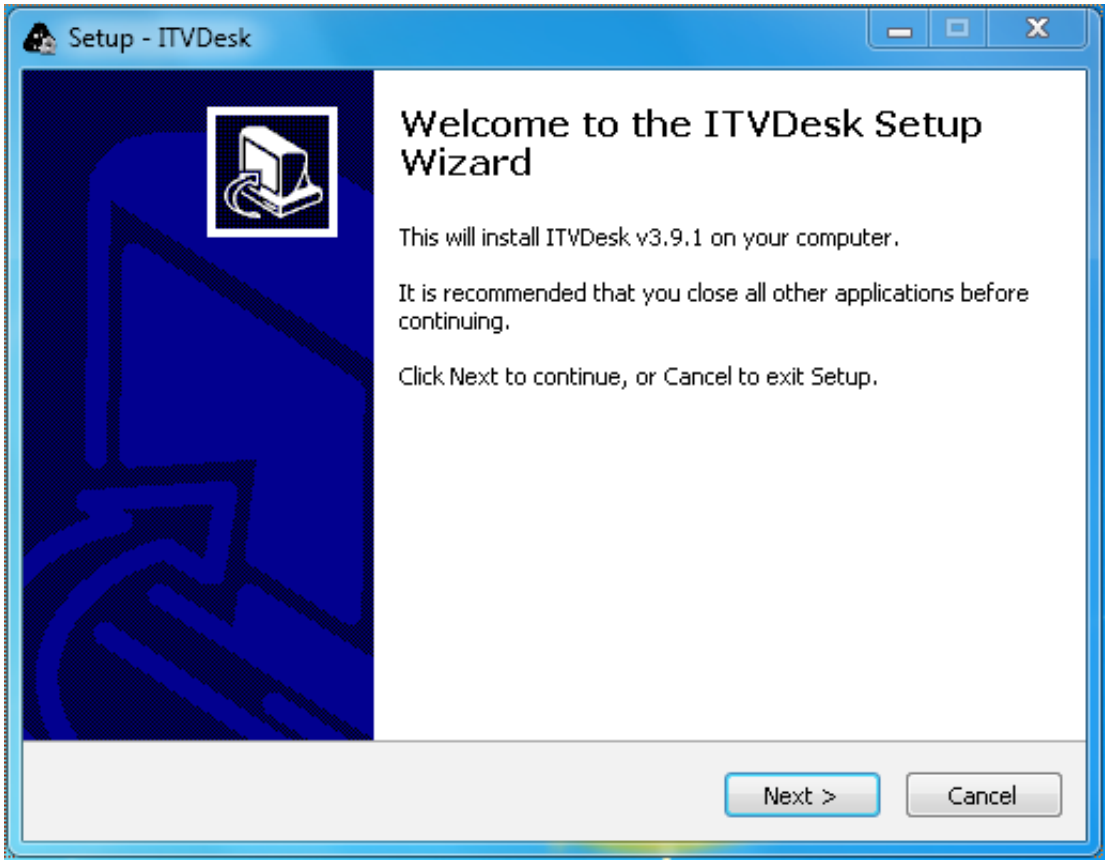
LINUX:

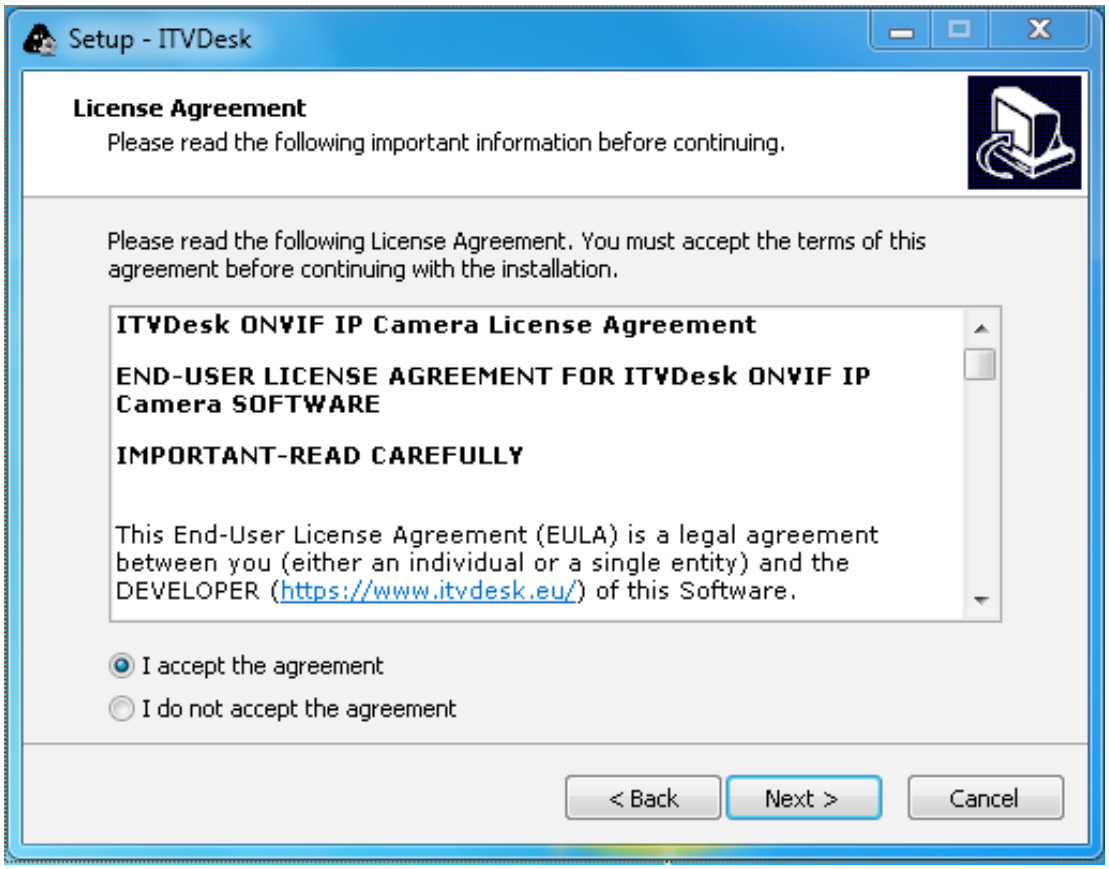
1. Download ITVDesk.AppImage package Download
2. Make it executable (*chmod a+x ITVDesk*.AppImage*) and Run
3. Click Trial button or send us request license
   - a) One-Year Subscription
   - b) One-Time Purchase
4. Activate the license via load licences file
5. Use it

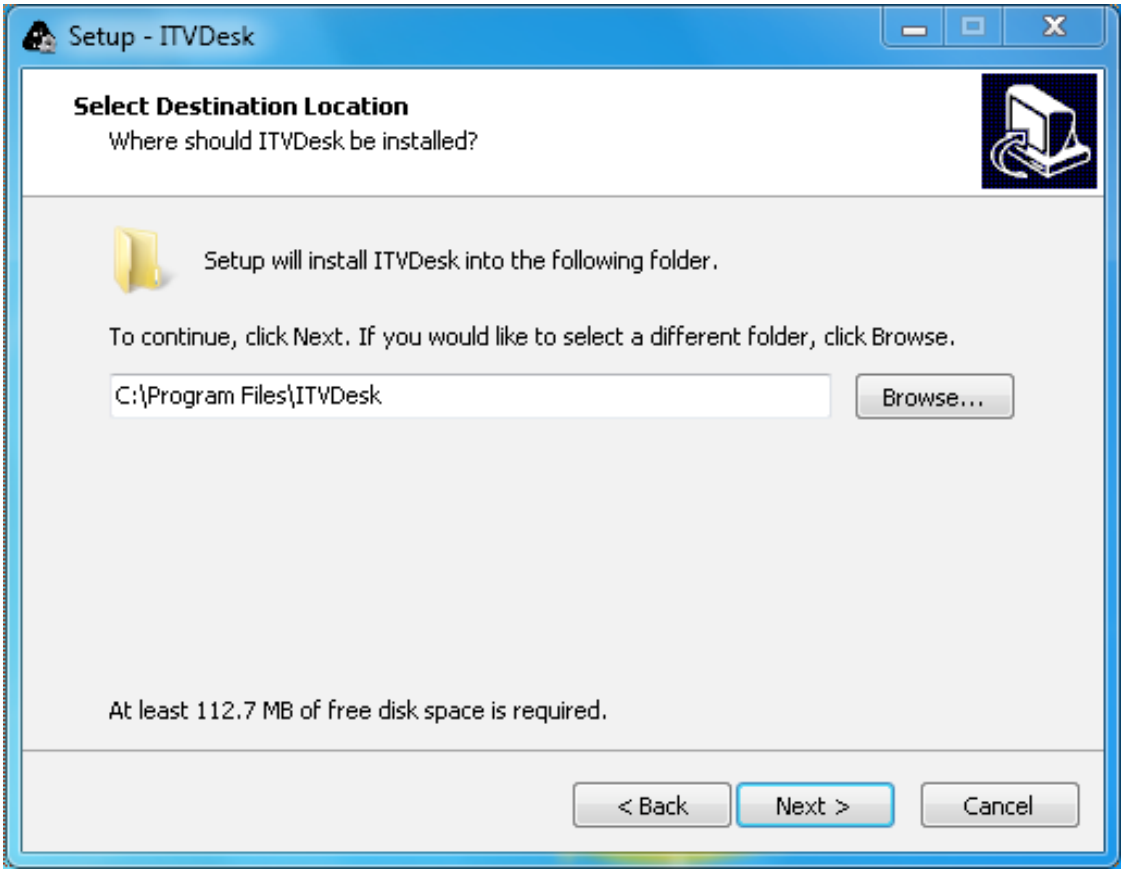
INSTALLATION ON WINDOWS PLATFORM

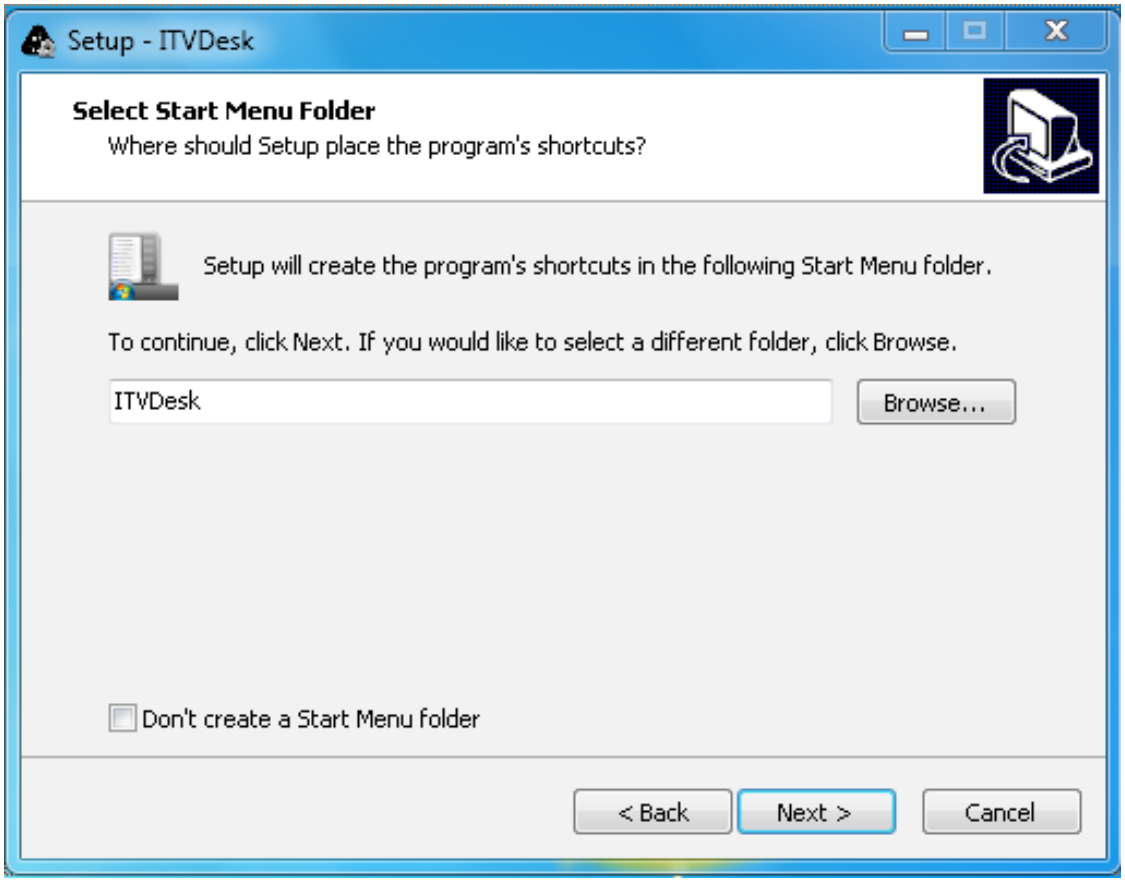


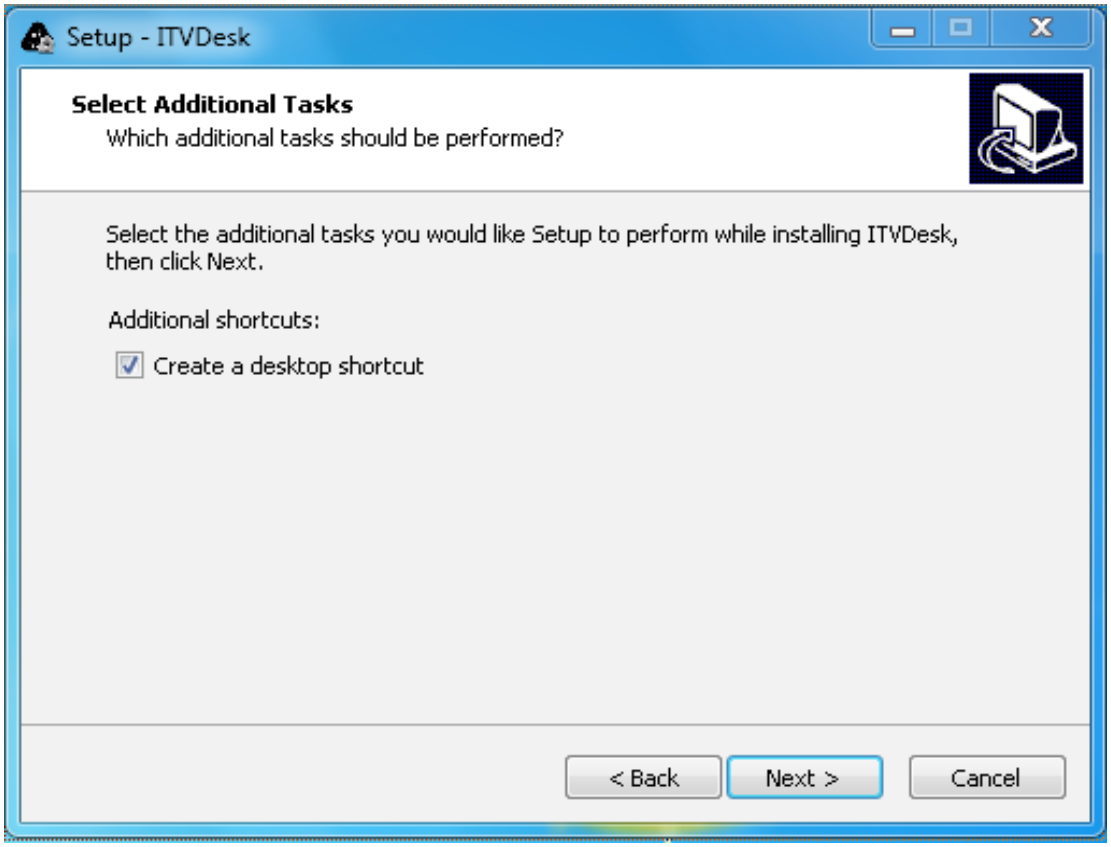



Setup - ITVDesk
Welcome to the ITVDesk Setup Wizard
This will install ITVDesk v3.9.1 on your computer.
It is recommended that you close all other applications before continuing.
Click Next to continue, or Cancel to exit Setup.
Next >
Cancel

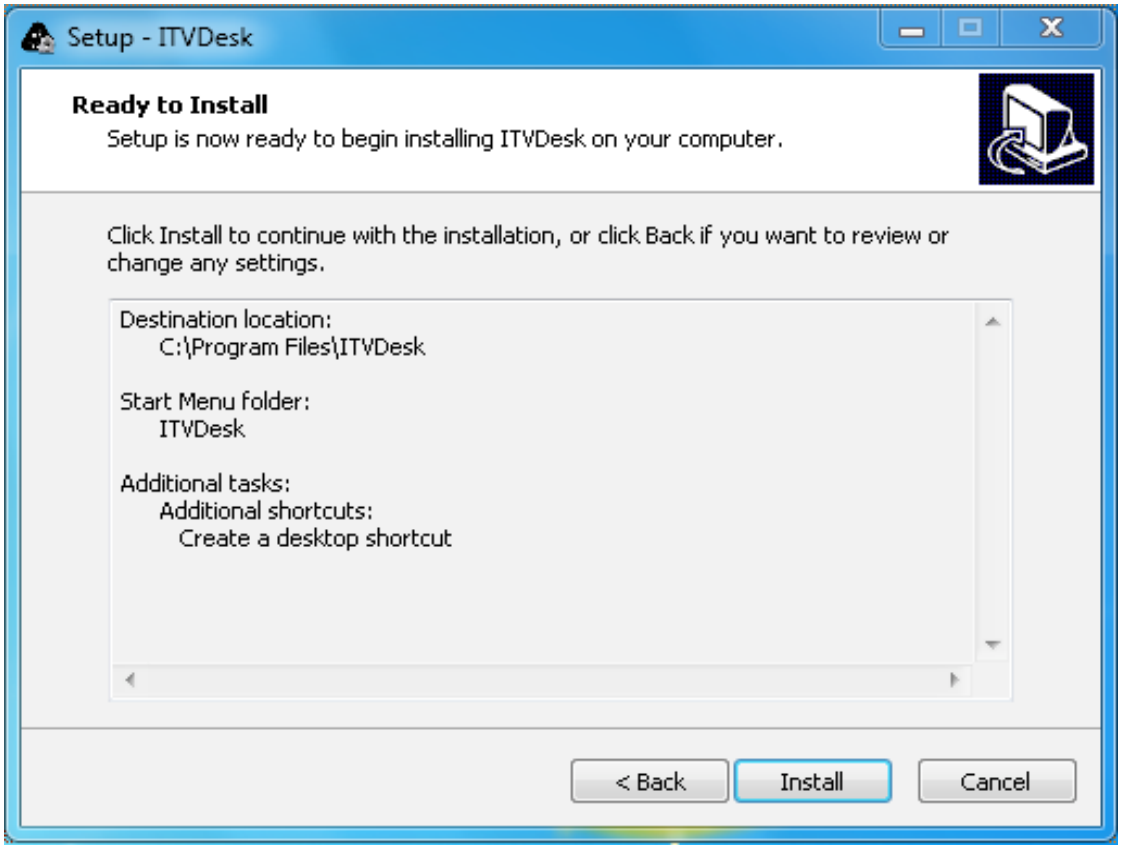

Setup - ITVDesk
License Agreement
Please read the following important information before continuing.
Please read the following License Agreement. You must accept the terms of this agreement before continuing with the installation.
ITVDesk ONVIF IP Camera License Agreement
END-USER LICENSE AGREEMENT FOR ITVDesk ONVIF IP Camera SOFTWARE
IMPORTANT-READ CAREFULLY
This End-User License Agreement (EULA) is a legal agreement between you (either an individual or a single entity) and the DEVELOPER (https://www.itvdesk.eu/) of this Software.
I accept the agreement
I do not accept the agreement
< Back
Next >
Cancel


Setup - ITVDesk
Select Destination Location
Where should ITVDesk be installed?
Setup will install ITVDesk into the following folder.
To continue, click Next. If you would like to select a different folder, click Browse.
C:\Program Files\ITVDesk
Browse...
At least 112.7 MB of free disk space is required.
< Back
Next >
Cancel

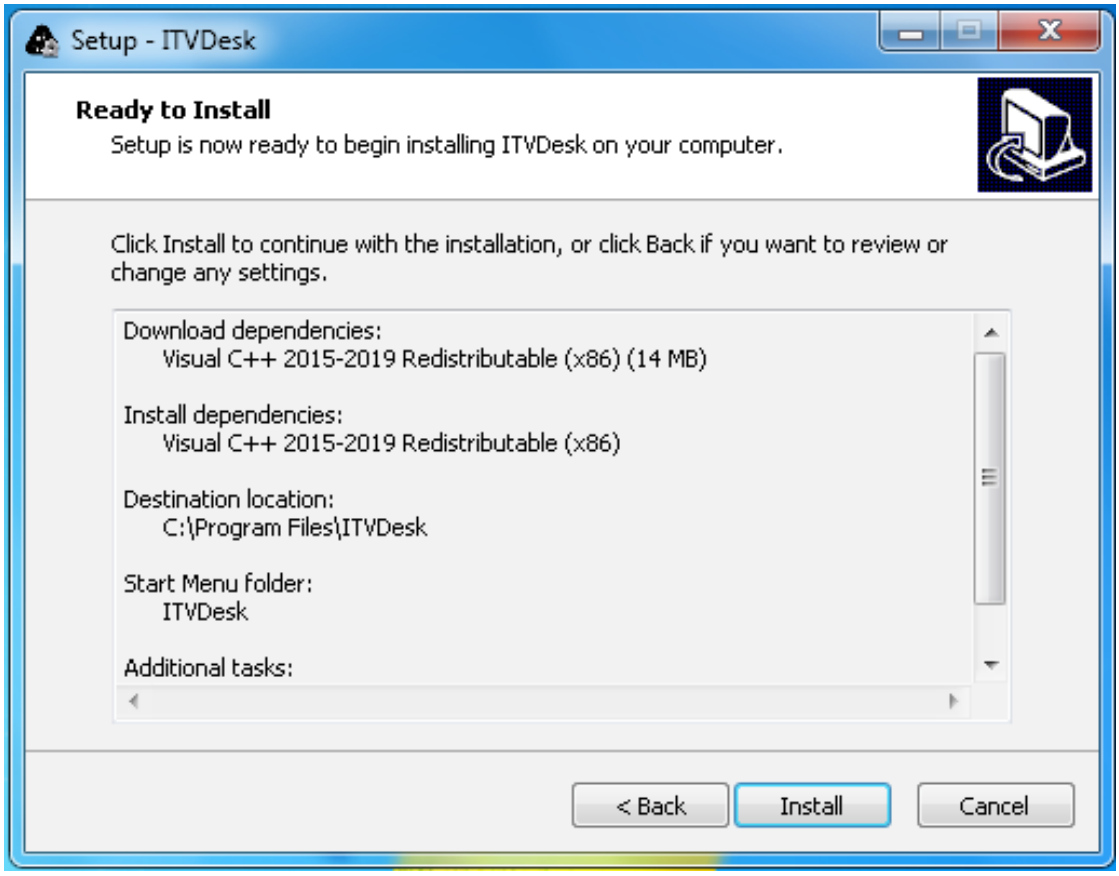

Setup - ITVDesk
Select Start Menu Folder
Where should Setup place the program's shortcuts?
Setup will create the program's shortcuts in the following Start Menu folder.
To continue, click Next. If you would like to select a different folder, click Browse.
ITVDesk
Browse...
Don't create a Start Menu folder
< Back
Next >
Cancel

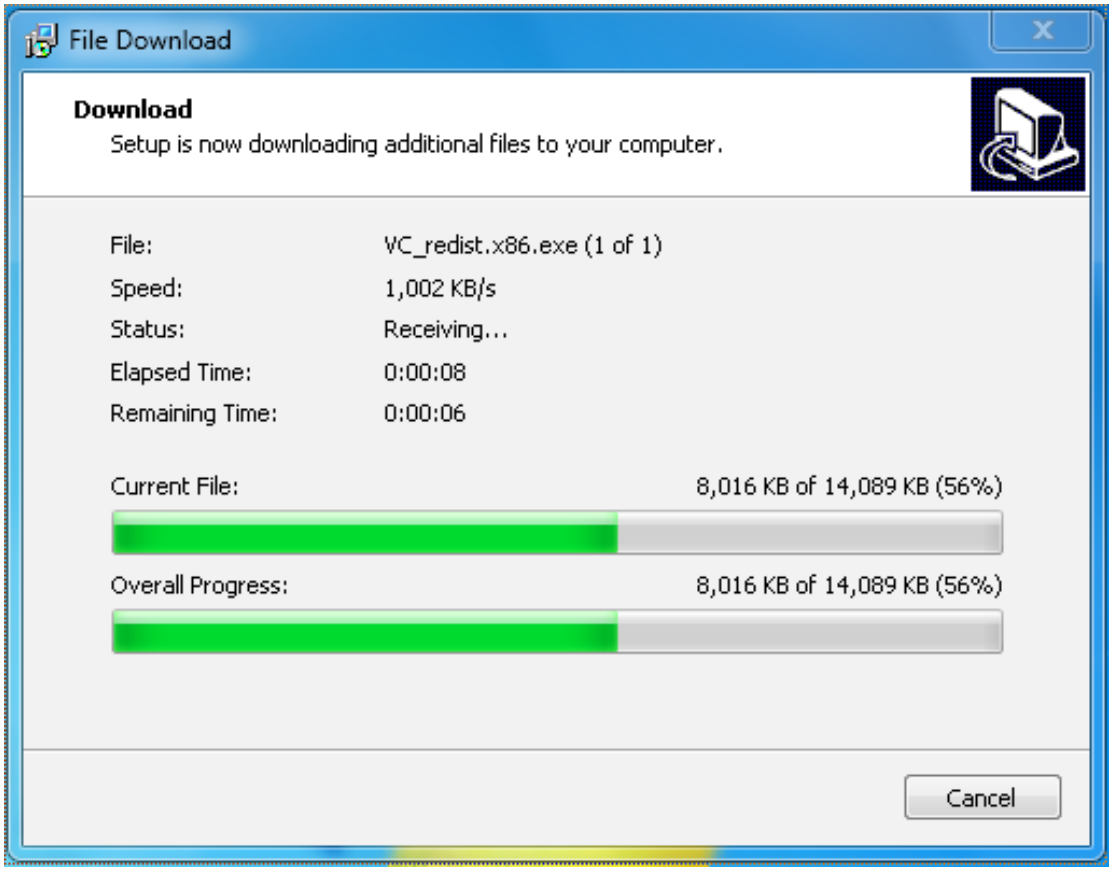


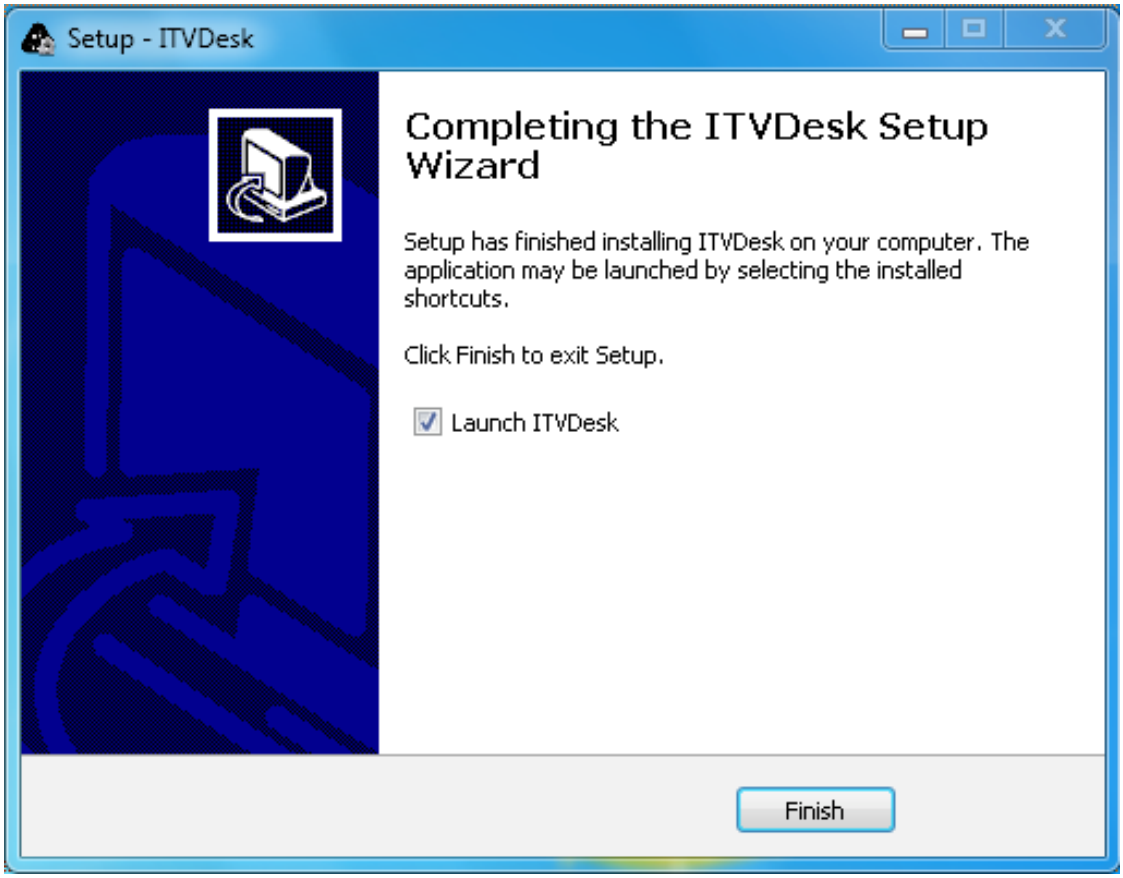
a) On the computer is installed Microsoft Visual C ++ 2019 Redistributable Package:

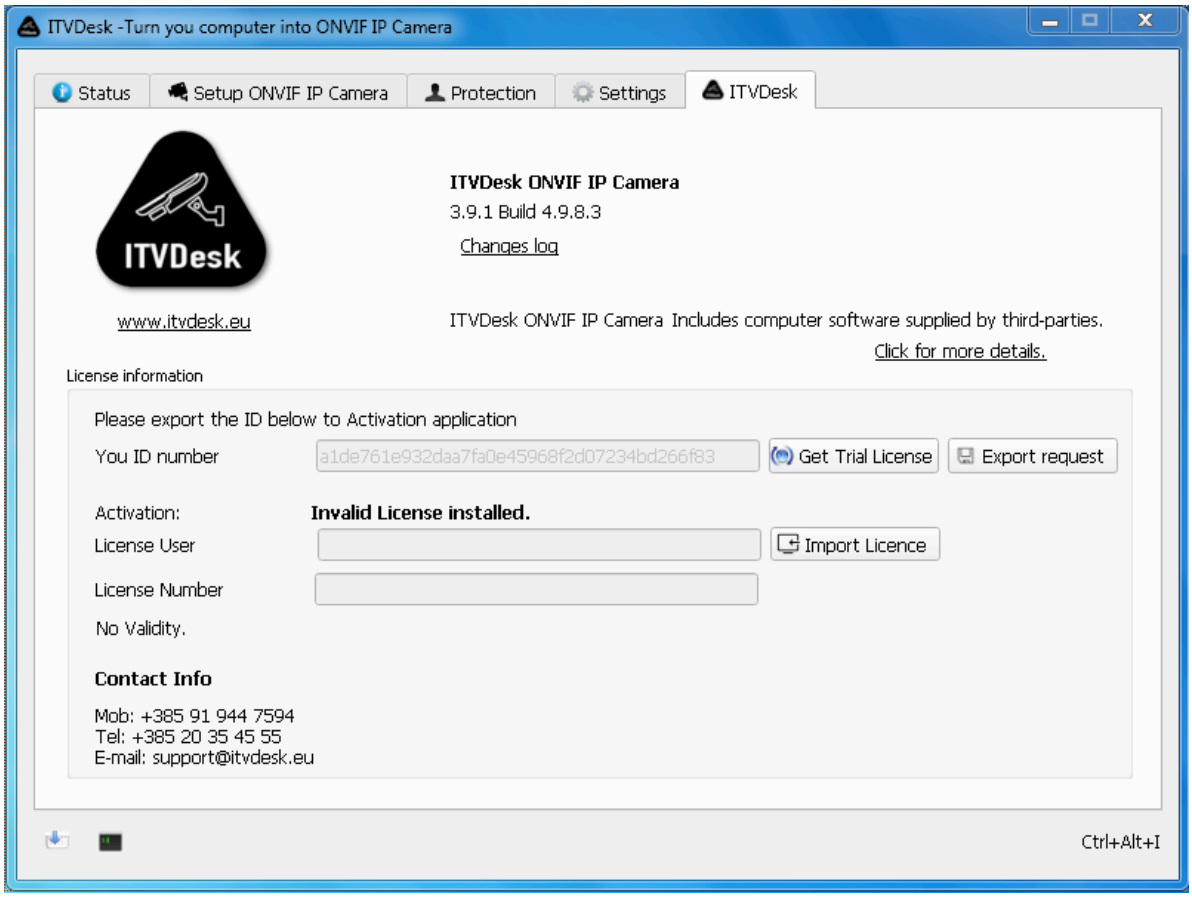


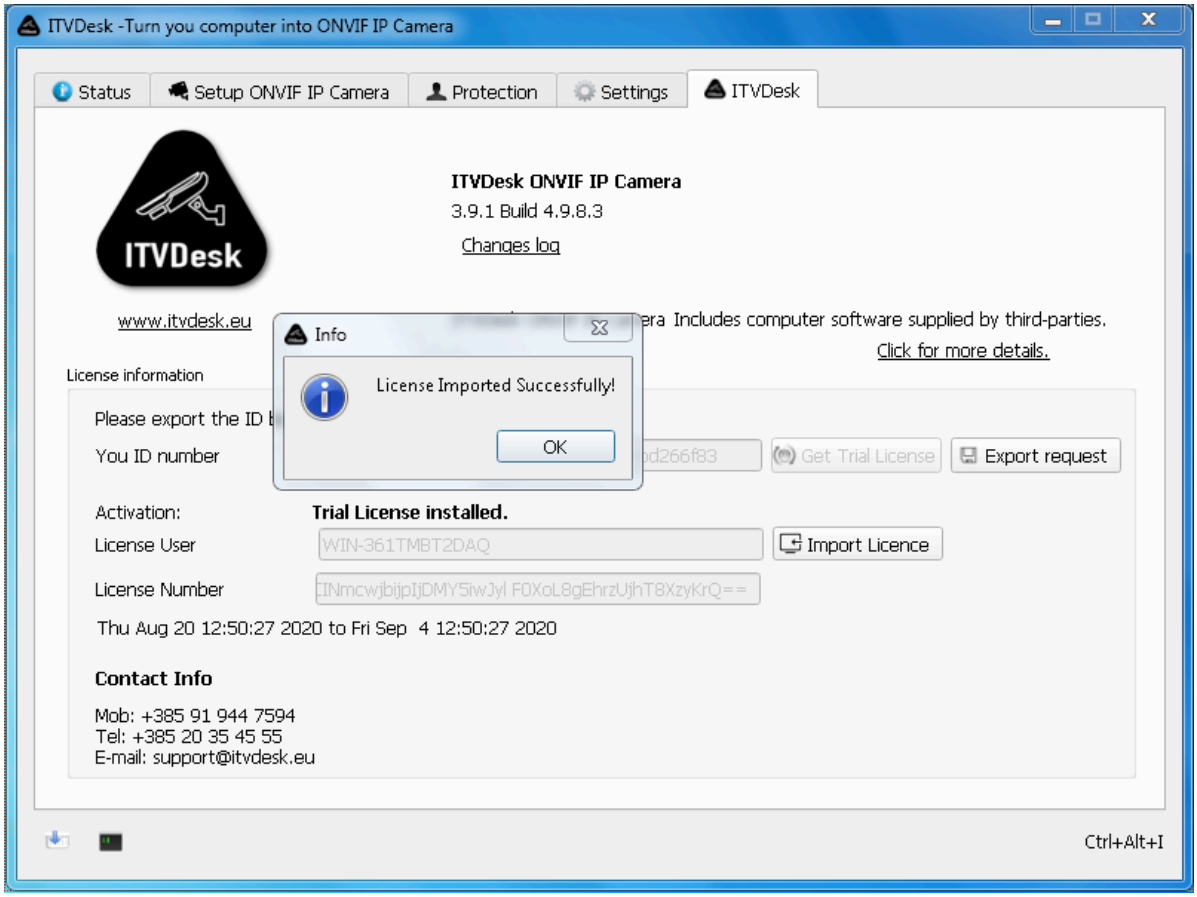
b) If it is not installed on the computer Microsoft Visual C ++ 2019 Redistributable Package (x86) then it will be automatic download from Internet. Without Internet connection need to install manual Microsoft Visual 2019 Redistributable Package (x86).



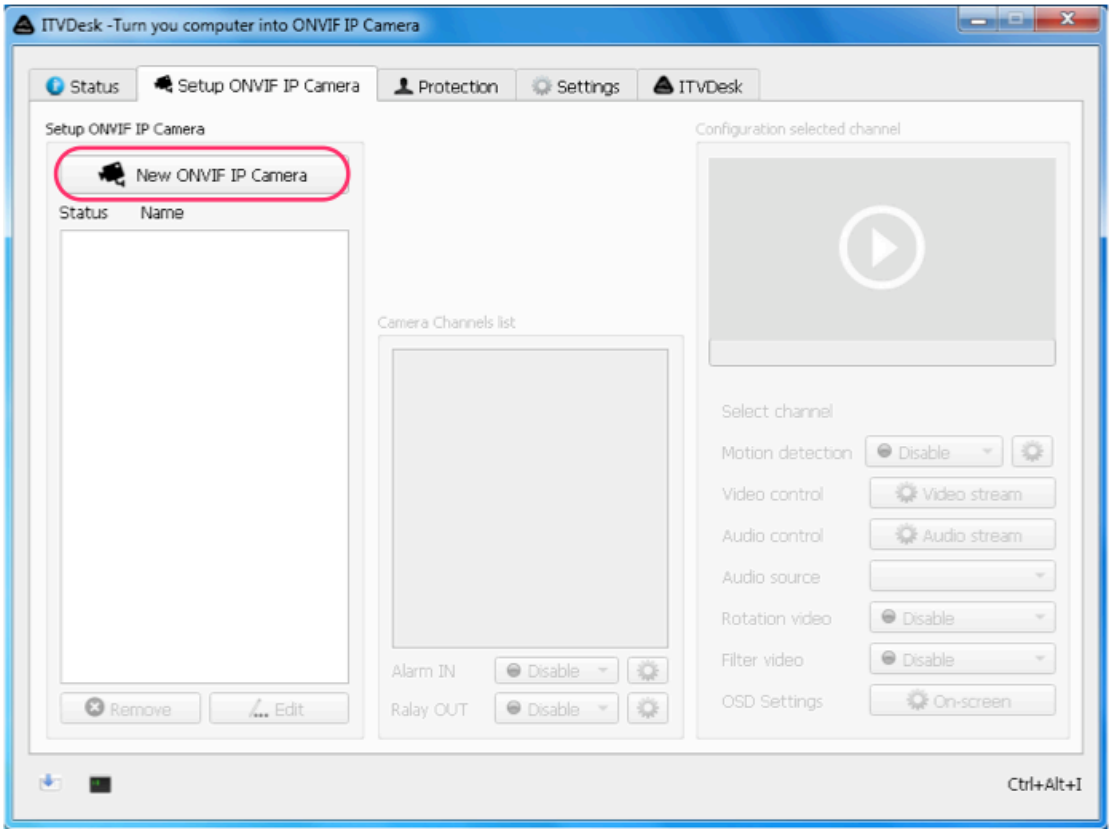


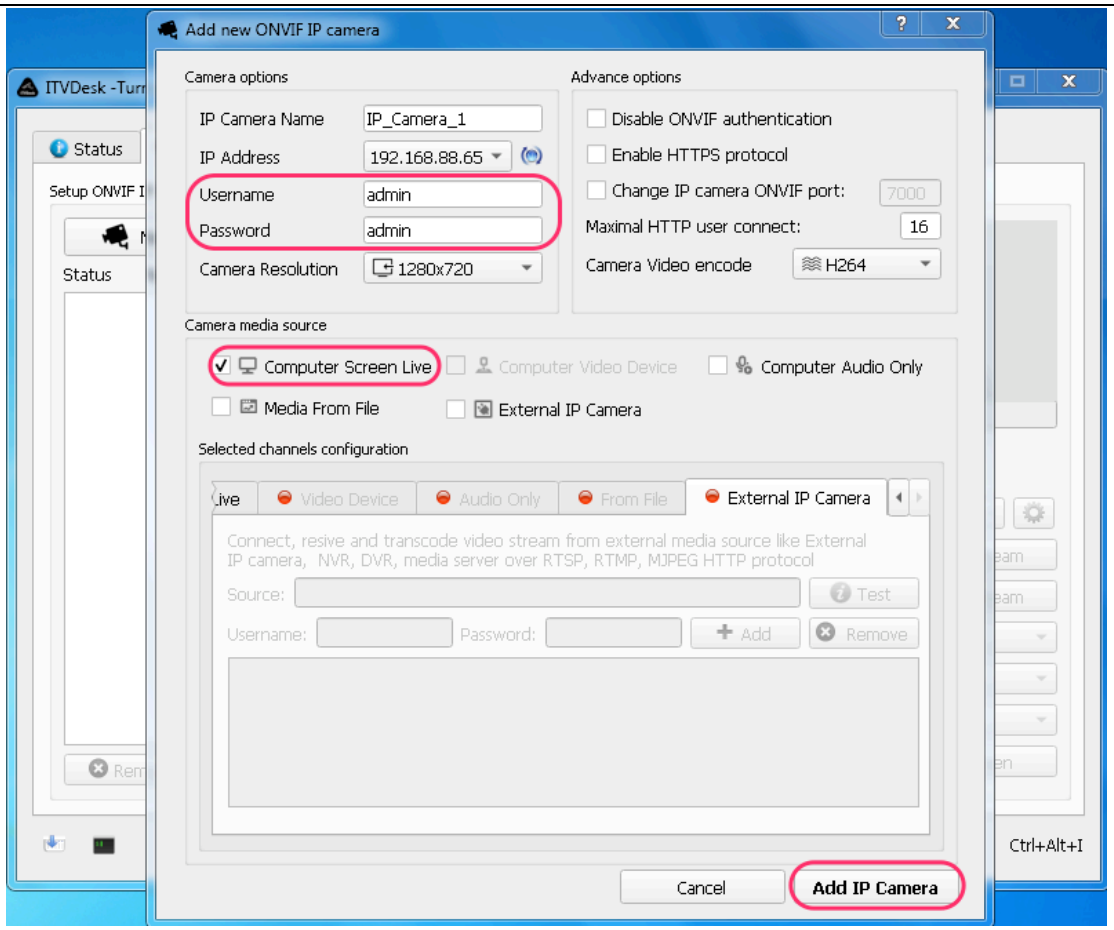

Setup - ITVDesk
Completing the ITVDesk Setup Wizard
Setup has finished installing ITVDesk on your computer. The application may be launched by selecting the installed shortcuts.
Click Finish to exit Setup.
Launch ITVDesk
Finish

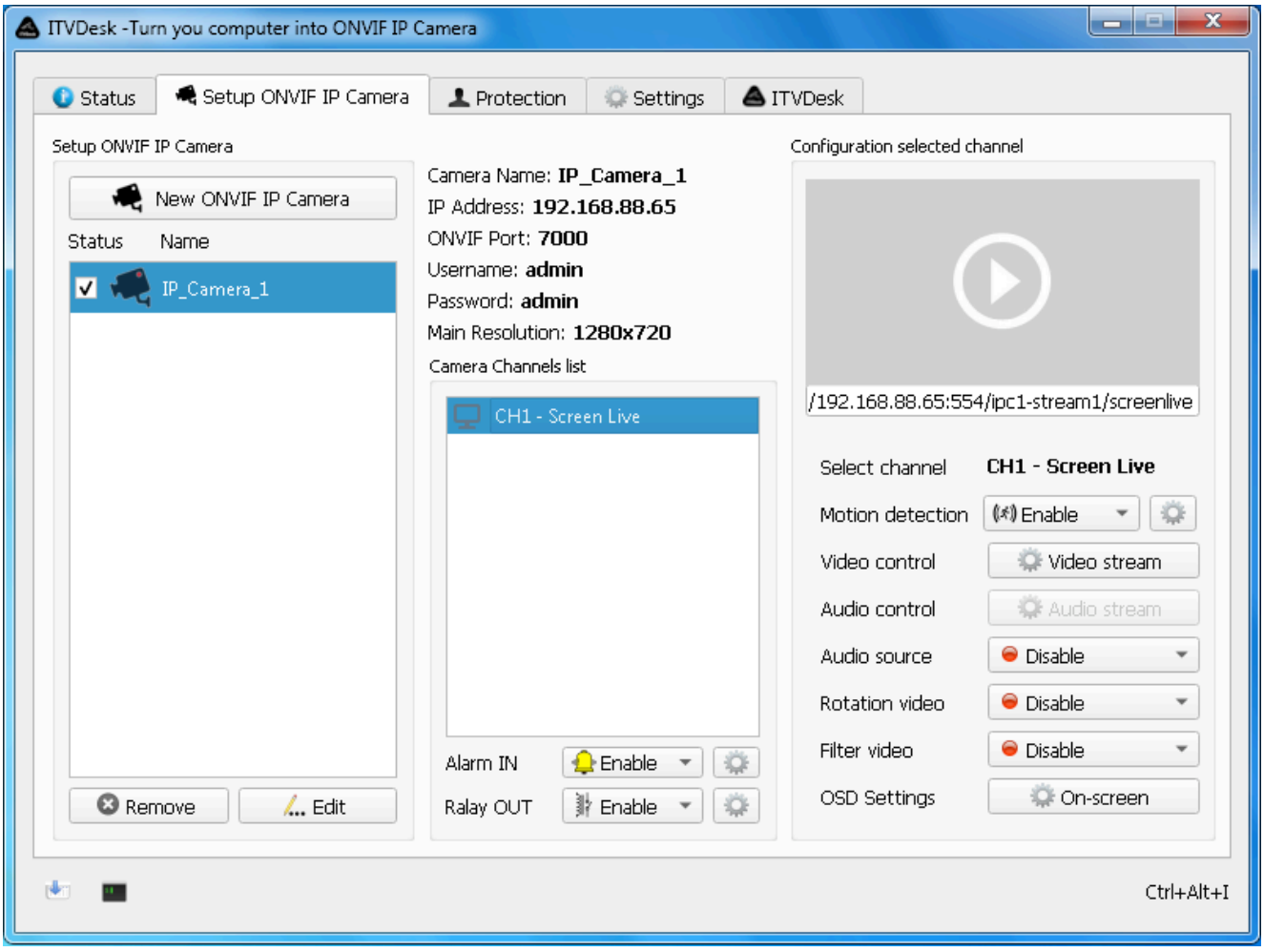

ITVDesk -Turn you computer into ONVIF IP Camera
Status
Setup ONVIF IP Camera
Protection
Settings
ITVDesk
ITVDesk
www.itvdesk.eu
ITVDesk ONVIF IP Camera
3.9.1 Build 4.9.8.3
Changes log
ITVDesk ONVIF IP Camera Includes computer software supplied by third-parties.
Click for more details.
License information
Please export the ID below to Activation application
You ID number
a1de761e932daa7fa0e45968f2d07234bd266f83
Get Trial License
Export request
Activation:
Invalid License installed.
License User
Import Licence
License Number
No Validity.
Contact Info
Mob: +385 91 944 7594
Tel: +385 20 35 45 55
E-mail: support@itvdesk.eu
Ctrl+Alt+I



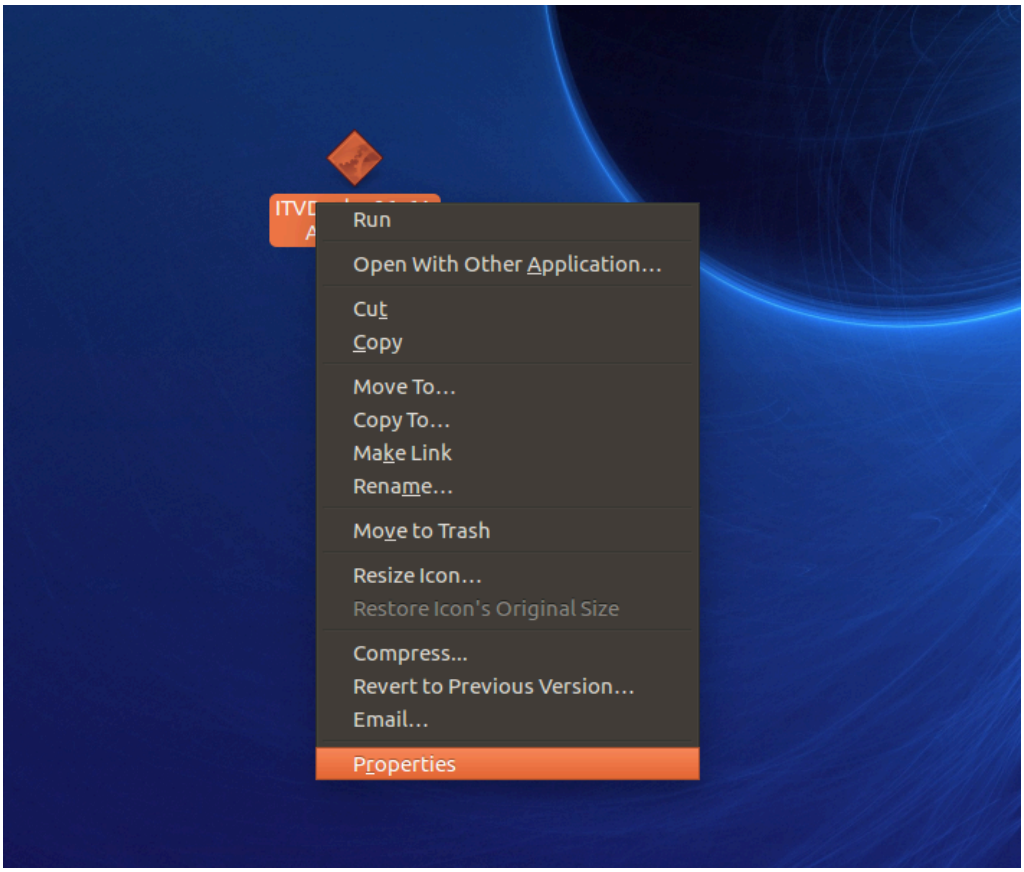
Setup New virtual ONVIF IP Camera:

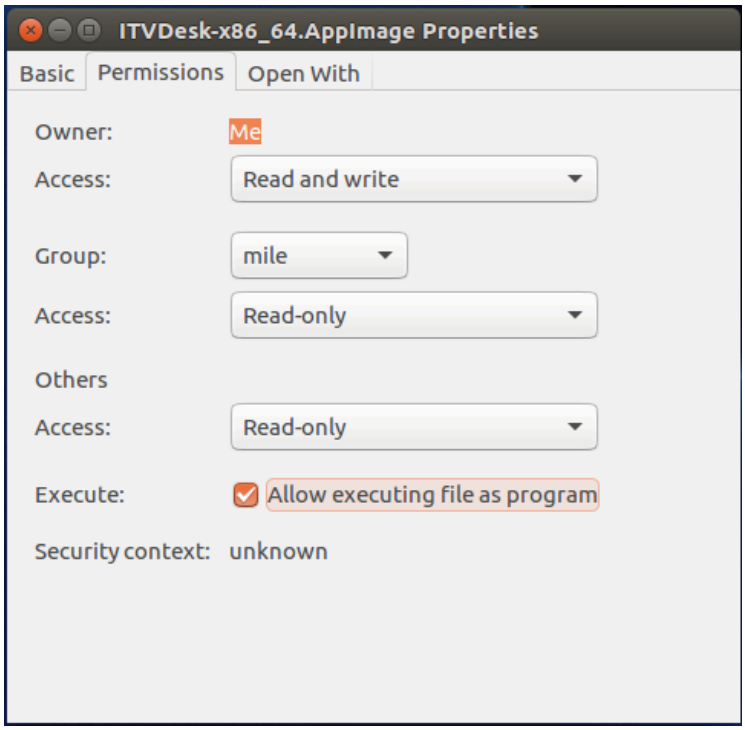



Add new ONVIF IP camera
Camera options
IP Camera Name
IP_Camera_1
IP Address
192.168.88.65
Username
admin
Password
admin
Camera Resolution
1280x720
Advance options
Disable ONVIF authentication
Enable HTTPS protocol
Change IP camera ONVIF port:
7000
Maximal HTTP user connect:
16
Camera Video encode
H264
Camera media source
Computer Screen Live
Computer Video Device
Computer Audio Only
Media From File
External IP Camera
Selected channels configuration
Video Device
Audio Only
From File
External IP Camera
Connect, resive and transcode video stream from external media source like External IP camera, NVR, DVR, media server over RTSP, RTMP, MJPEG HTTP protocol
Source:
Test
Username:
Password:
Add
Remove
Cancel
Add IP Camera
Ctrl+Alt+I

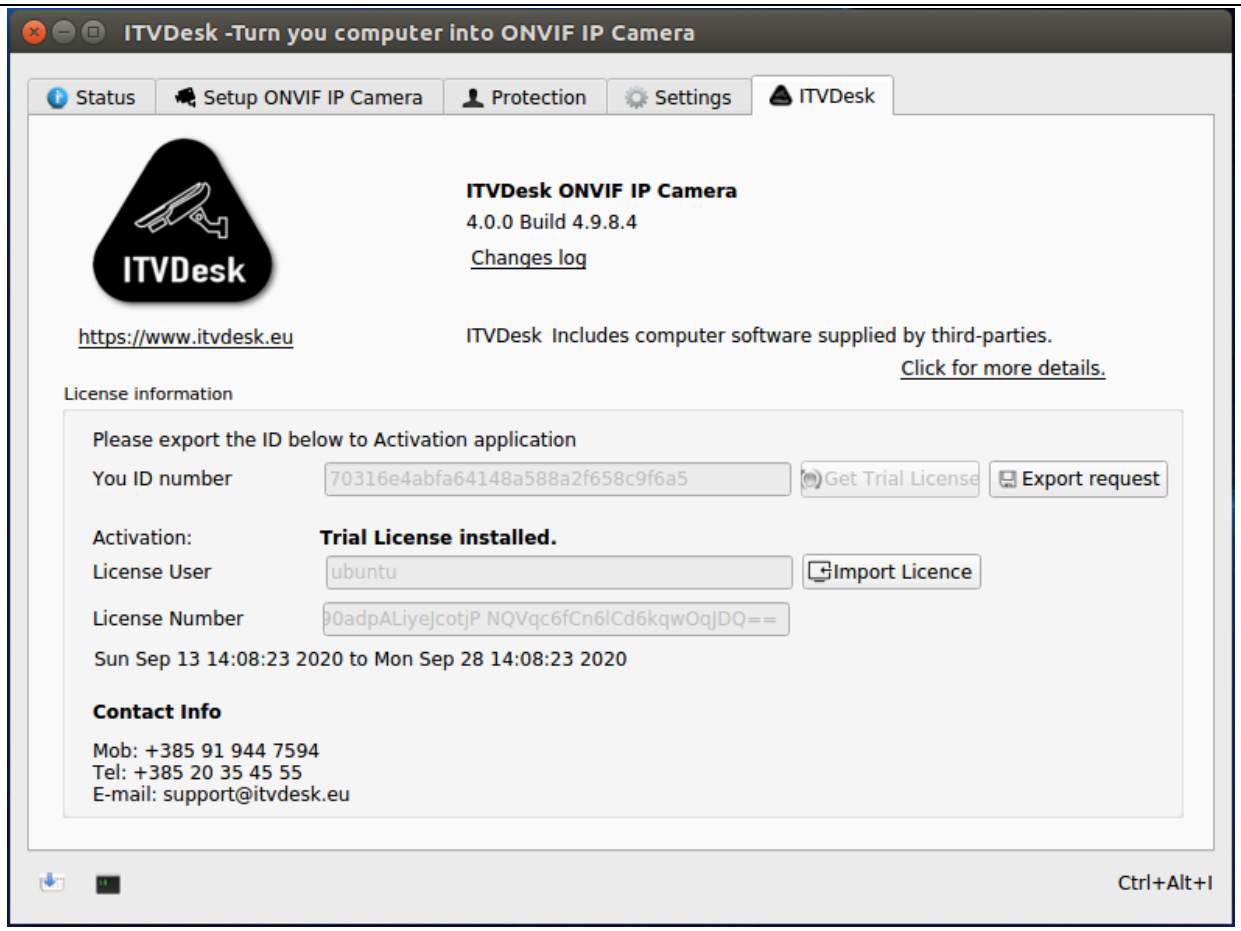

ITVDesk -Turn you computer into ONVIF IP Camera
Status
Setup ONVIF IP Camera
Protection
Settings
ITVDesk
Setup ONVIF IP Camera
New ONVIF IP Camera
Status
Name
IP_Camera_1
Remove
Edit
Camera Name: IP_Camera_1
IP Address: 192.168.88.65
ONVIF Port: 7000
Username: admin
Password: admin
Main Resolution: 1280x720
Camera Channels list
CH1 - Screen Live
Alarm IN
Enable
Ralay OUT
Enable
Configuration selected channel
/192.168.88.65:554/ipc1-stream1/screenlive
Select channel
CH1 - Screen Live
Motion detection
Enable
Video control
Video stream
Audio control
Audio stream
Audio source
Disable
Rotation video
Disable
Filter video
Disable
OSD Settings
On-screen
Ctrl+Alt+I

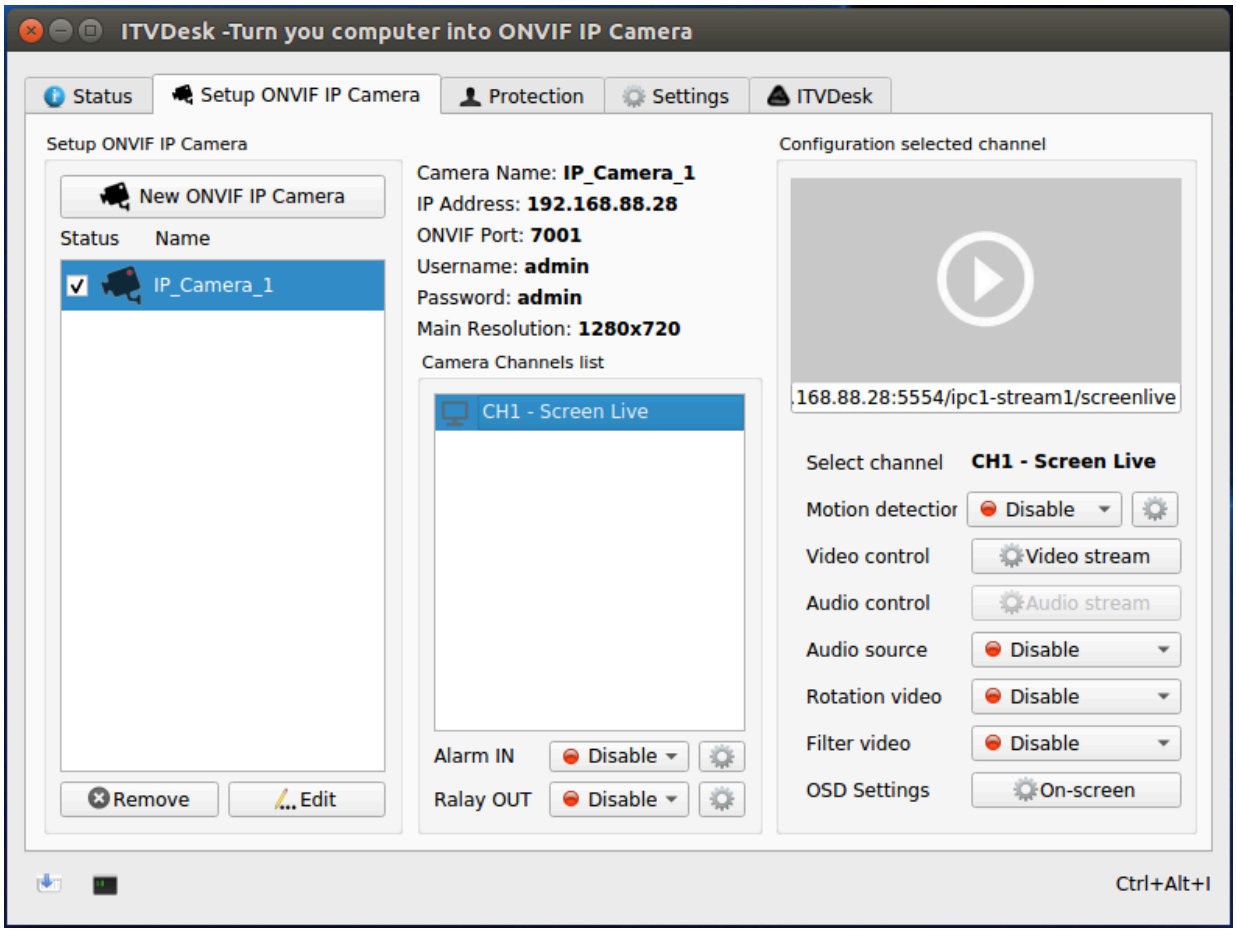
INSTALLATION ON LINUX PLATFORM





Run it ITVDesk !


ITVDesk -Turn you computer into ONVIF IP Camera
Status
Setup ONVIF IP Camera
Protection
Settings
ITVDesk
ITVDesk
ITVDesk ONVIF IP Camera
4.0.0 Build 4.9.8.4
Changes log
https://www.itvdesk.eu
ITVDesk Includes computer software supplied by third-parties.
Click for more details.
License information
Please export the ID below to Activation application
You ID number
70316e4abfa64148a588a2f658c9f6a5
Get Trial License
Export request
Activation:
Trial License installed.
License User
ubuntu
Import Licence
License Number
Sun Sep 13 14:08:23 2020 to Mon Sep 28 14:08:23 2020
Contact Info
Mob: +385 91 944 7594
Tel: +385 20 35 45 55
E-mail: support@itvdesk.eu
Ctrl+Alt+I


ITVDesk -Turn you computer into ONVIF IP Camera
Status
Setup ONVIF IP Camera
Protection
Settings
ITVDesk
Setup ONVIF IP Camera
New ONVIF IP Camera
Status
Name
IP_Camera_1
Remove
Edit
Camera Name: IP_Camera_1
IP Address: 192.168.88.28
ONVIF Port: 7001
Username: admin
Password: admin
Main Resolution: 1280x720
Camera Channels list
CH1 - Screen Live
Alarm IN
Disable
Ralay OUT
Disable
Configuration selected channel
168.88.28:5554/ipc1-stream1/screenlive
Select channel
CH1 - Screen Live
Motion detectior
Disable
Video control
Video stream
Audio control
Audio stream
Audio source
Disable
Rotation video
Disable
Filter video
Disable
OSD Settings
On-screen
Ctrl+Alt+I

6. AFTER INSTALLATION

ITVDesk allows to transmit PC desktop video feed, webcam, From File, Only Audio and External IP camera as an ONVIF camera profile: T, S with audio support.

ITVDesk starts with operating system and accessible on a PORT: 7000. The software allows to select an IP address if the PC has multiple IP addresses or set automatic change.

ITVDesk video parameters could be managed directly from any ONVIF compatible NVR/XProtect like if that is a physical ONVIF IP camera.

VMS XProtect have options for Multiple Channels. Multiple Channels is give users to create full virtual ONVIF IP Camera with multiple video channels – one channel for each video input (screen or webcam). (Example – if there are 2 monitors connected and 3 webcam, the ITVDesk will appear as 1 ONVIF device with 5 video outputs/channels.)

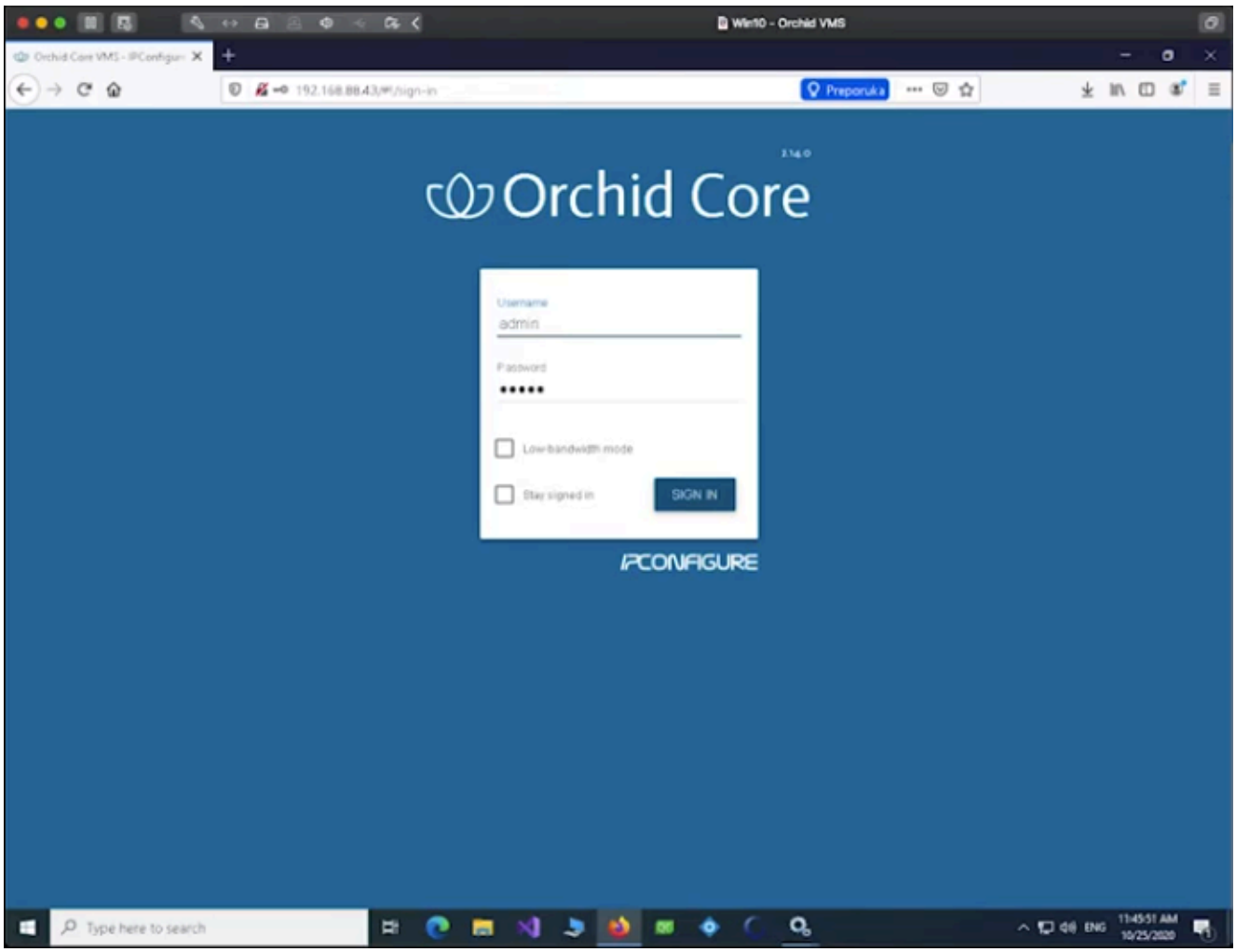
Multiple Cameras give users to create a new full virtual ONVIF IP Camera with one video input. This could be useful if NVR/VMS does not support ONVIF multichannel devices. In this case, ITVDesk can produce a new dedicated IP camera for each video input. All cameras will share the same IP address, but will have a different port. (Example – if there are 2 monitors connected and 1 webcam, the ITVDesk will appear as 3 ONVIF devices running on ports 7000, 7001, and 7002. Each device will have 1 video channel.)

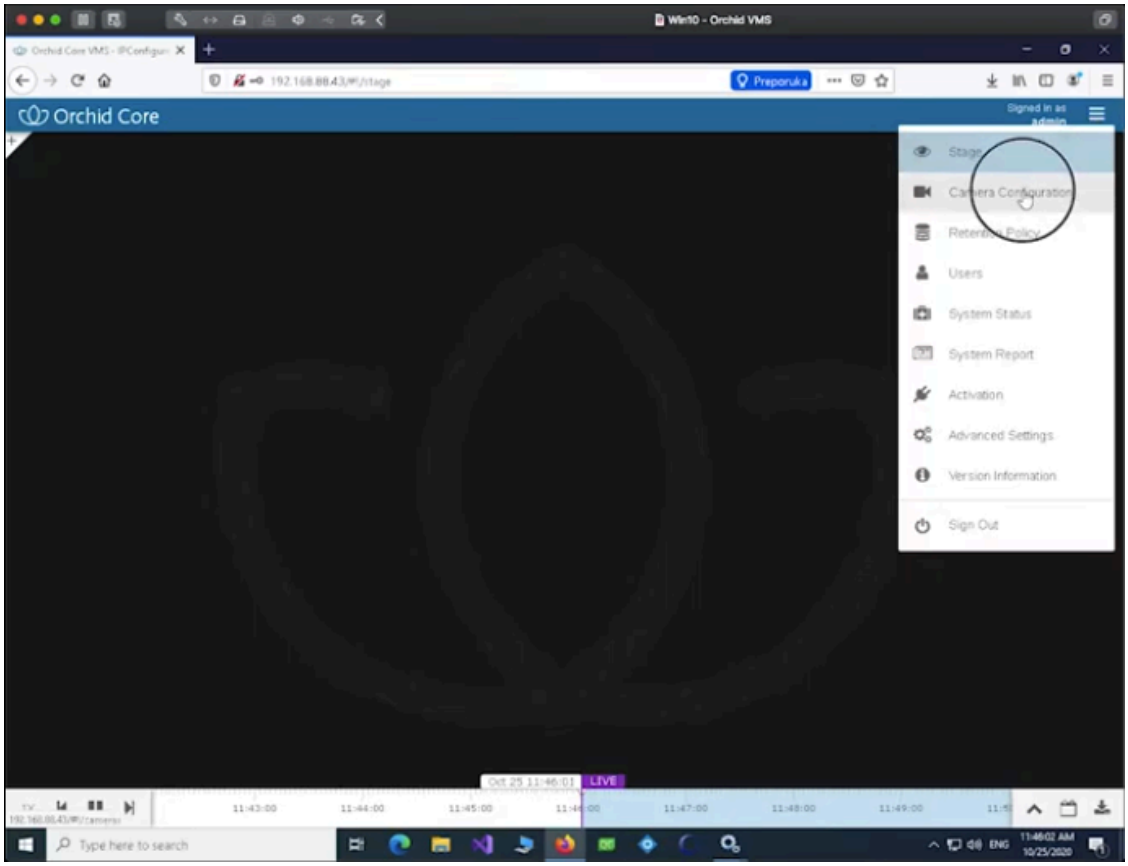
* - ITVDesk have full supports of the ONVIF Profile T, S functionality. * - ONVIF interface compatibility is tested by ONVIF official test tool. * - All stream have Transcoding, Transmuxing, Transrating and can be setting front and over ONVIF protocol

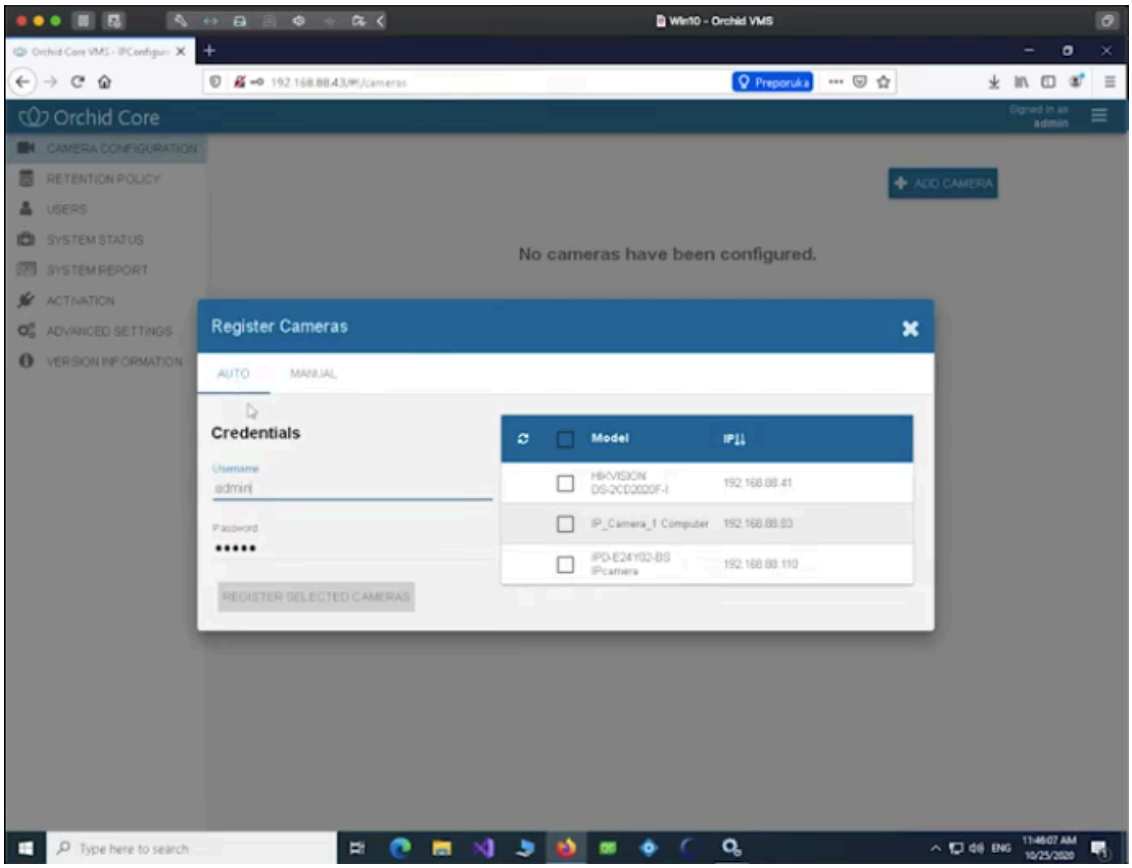
IPCONFIGURE

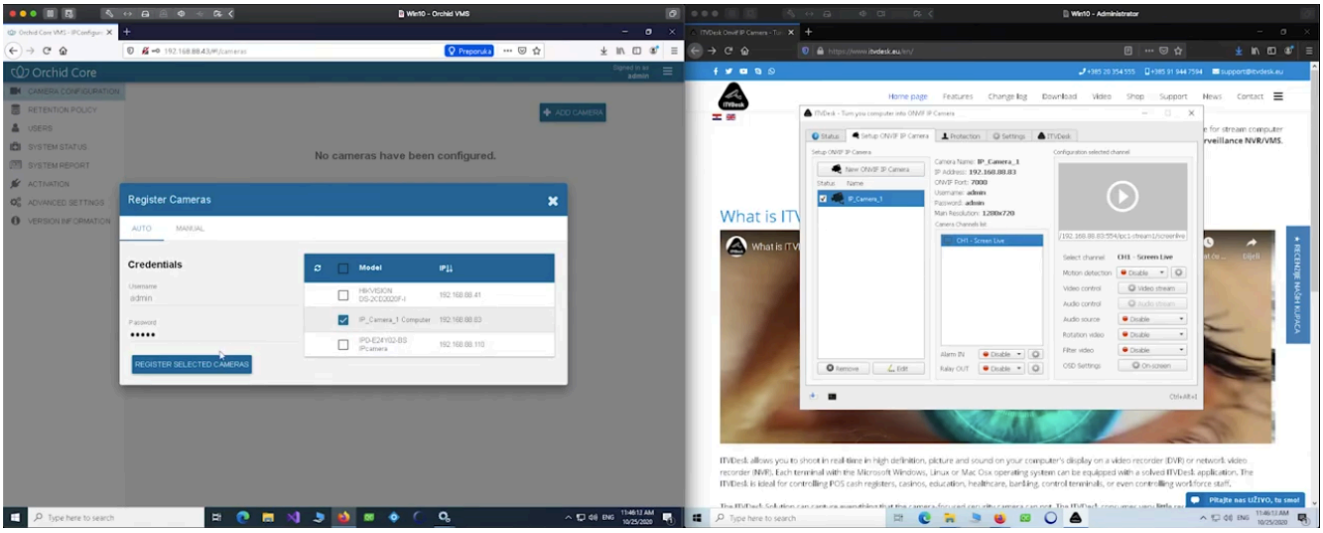
Orchid Core VMS can connect to ITVDesk via either ONVIF or RTSP protocol fast and easy

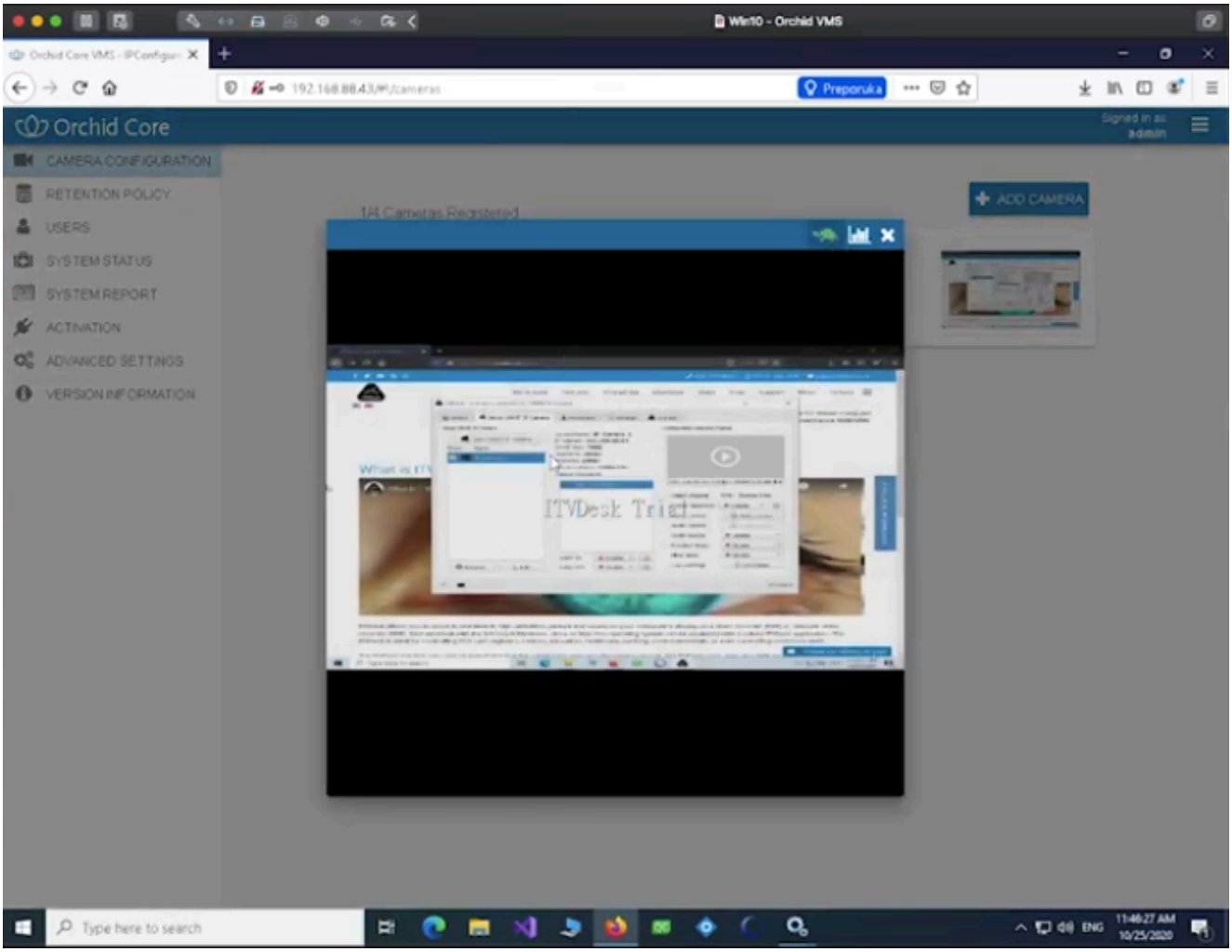
https://www.helpdesk.itvdesk.eu/kb/faq.php?id=56




Orchid Core
Stage
Camera Configuration
Retention Policy
Users
System Status
System Report
Activation
Advanced Settings
Version Information
Sign Out


Orchid Core
CAMERA CONFIGURATION
RETENTION POLICY
USERS
SYSTEM STATUS
SYSTEM REPORT
ACTIVATION
ADVANCED SETTINGS
VERSION INFORMATION
ADD CAMERA
No cameras have been configured.
Register Cameras
AUTO
MANUAL
Credentials
Username
admin
Password
Model
REGISTER SELECTED CAMERAS


Orchid Core
No cameras have been configured.
Register Cameras
Credentials
REGISTER SELECTED CAMERAS
What is ITV


Win10 - Orchid VMS
Orchid Core
CAMERA CONFIGURATION
RETENTION POLICY
USERS
SYSTEM STATUS
SYSTEM REPORT
ACTIVATION
ADVANCED SETTINGS
VERSION INFORMATION
ADD CAMERA
Type here to search

7. SUPPORT CENTER

Use ITVDesk helpdesk center portal to find the answers for the most questions or submit a support ticket. For more details please visit: https://www.itvdesk.eu/supportcenter.php

ITVDESK

https://www.ITVDesk.eu
Email: support@itvdesk.eu
Phone: +385 20 35 45 55
Mobile: +385 91 944 75 94 (WhatsApp, Viber, Telegram)

IPConfigure Orchid is used by customers ranging from small business owners to some of the world's largest global retailers. Recognized for its reliability and ease of use, Orchid provides local and remote access to live and recorded video through an intuitive web browser interface, with the same user experience on both workstations and mobile devices.

The Orchid web interface is hosted by one or more Orchid servers running on traditional Windows or Linux systems, NAS storage devices, or on supported embedded hardware. Orchid supports over 4,500 IP cameras through the ONVIF Profile S specification. This cross-platform flexibility adapts to your existing infrastructure and reduces IT, hardware, and licensing costs.

Orchid boasts a simple, sophisticated interface that offers a rich, engaging user experience. In addition to camera auto-discovery and configuration. Orchid also features an advanced capture engine that provides redundant edge- and rules-based alarm recording.

Orchid is priced per camera and is distributed through Anixter, CSC, Graybar, Ingram Micro, and ScanSource.