

Intelligent Security Systems SecurOS Server

Device Driver Specification. DYNAMICALLY GENERATED; DO NOT MODIFY.

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1 Document Versions

Version	Date	Name	Change
1.0	2017-06-06	AB	Document Created.

2 Referenced Documents

Document	Version	Description
Driver Project Requirements (DDK-PR)	1.0	The Intelligent Security Systems SecurOS Server driver must conform to all the requirements detailed in this document.
Driver Connection and Online States Requirements (DDK-DC)	1.0	The Intelligent Security Systems SecurOS Server driver must conform to all requirements in this document detailed in the section: Device Connection and Online States
Driver Video Requirements (DDK-VID)	1.0	The Intelligent Security Systems SecurOS Server driver must conform to all requirements in this document detailed in the section: Video

3 Manufacturer

Name Intelligent Security Systems



Website <http://isscctv.com/info/>

Description A leading developer of security surveillance and control systems for networked digital video and audio recording, video image pattern processing and digital data transmission.

4 IPSecurityCenter Versions

The driver must be compatible with the following IPSecurityCenter versions:

IPSecurityCenter Version	Supported
5.0	<input checked="" type="checkbox"/>

5 Operating Systems

5.1 Client Side Functionality

Operating Systems	Supported
Windows 7 64 bit	<input checked="" type="checkbox"/>

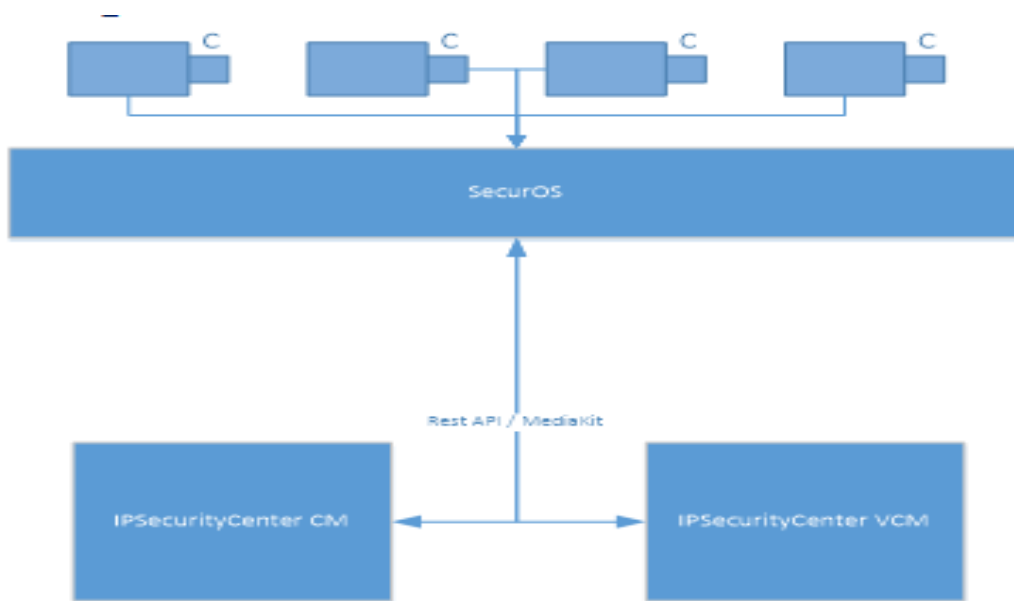
5.2 Server Side Functionality

Operating Systems	Supported
Windows Server 2008 R2	<input checked="" type="checkbox"/>
Windows Server 2012	<input checked="" type="checkbox"/>

6 Models / Firmware Versions

Model	Versions	SDK
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7 Hardware Configurations



8 Driver Package

The driver package is named: CNL.IPSecurityCenter,Driver.ISS.SecurOS[BUILD-VERSION].ipsedriver

9 Driver Features

9.1 SecurOS Server

9.1.1 Device Connection and Online States

The full requirements for these features can be found in the [Device Connection and Online States Requirements](#)

Feature	
DC1.0 Device Online Status	None
DC2.0 Authentication	None

9.1.2 Video

The full requirements for these features can be found in the [Driver Video Requirements](#).

Feature	
VID1.0 Camera Population	<input checked="" type="checkbox"/> None
VID2.0 Live Video	
VID2.1 Display Live Video	<input checked="" type="checkbox"/>
VID2.2 Snapshot	<input checked="" type="checkbox"/>
VID2.3 PTZ	<input checked="" type="checkbox"/>
VID2.4 Set Preset	<input type="checkbox"/>
VID2.5 Get Preset	<input type="checkbox"/>
VID3.0 Recorded Video	
VID3.1 Display Recorded Video	<input checked="" type="checkbox"/>
VID3.2 Seek	<input checked="" type="checkbox"/>
VID3.3 Pause	<input checked="" type="checkbox"/>
VID3.4 Snapshot	<input checked="" type="checkbox"/>
VID3.5 Fast Forward/Rewind	<input type="checkbox"/> <i>Play Speeds:</i> 1
VID3.6 Slow Motion	<input type="checkbox"/> <i>Play Speeds:</i> 1
VID3.7 Time Bar Population	None
VID4.0 Video Export	<input checked="" type="checkbox"/>
VID5.0 Web Client Support	<input type="checkbox"/>

9.1.3 Properties

General requirements for properties can be found in [Driver Project Requirements](#).

Name	Type	Description	Default Value & Ranges
Event Port	int	The Port to receive events from ISS	Default: Min: Max:
Use Https	bool	If true use https if false use http	Default: Min: Max:
Server Image Path	string	The location to store snapshots	Default: Min: Max:

9.1.4 Methods

General requirements for methods can be found in [Driver Project Requirements](#).

9.1.5 Events

General requirements for events can be found in [Driver Project Requirements](#).

9.1.5.1 Generic Event

An event was raised.

Performance

The driver must be able to handle 4000 events per hour.

Event Properties

Name	Type	Description
Description	string	An example property on the event.
Type	string	Type of event that has occurred

9.2 SecurOS Camera

9.2.1 Device Connection and Online States

The full requirements for these features can be found in the [Device Connection and Online States Requirements](#)

Feature	
DC1.0 Device Online Status	None
DC2.0 Authentication	None

9.2.2 Video

9.2.3 Properties

General requirements for properties can be found in [Driver Project Requirements](#).

9.2.4 Methods

General requirements for methods can be found in [Driver Project Requirements](#).

9.2.4.1 *Save Snapshot*

Returns void.

Performance

The method must complete within 2 seconds.

Parameters

Name	Type	Description	Default Value and Ranges
Snapshot Time	DateTime	The time that the snapshot needs to be saved for	Default: Min: Max:

9.2.5 Events

General requirements for events can be found in [Driver Project Requirements](#).

9.2.5.1 *Generic Event*

An event was raised.

Performance

The driver must be able to handle 4000 events per hour.

Event Properties

Name	Type	Description
Description	string	An example property on the event.
Type	string	Type of event that has occurred

10 Installation

10.1 Prerequisites

ActiveMediaKit needs to be installed on client machine else an error will be displayed to the user.

10.2 Driver Installation

- Start the IPSecurityCenter™ client and any supporting services
- Open the Device Driver Manager from the System Configuration
- Click the ***Install*** button
- Select the Intelligent Security Systems SecurOS Server Driver Package in the Open file dialog
- Wait for the driver to be uploaded

The driver packages should be listed in the Device Driver Manager.

Additional Installation Details

SecurOS_ActiveMediaKit_9.1.exe needs to be installed on IPSC client CM and server machine to view video.

10.2.1 Device Configuration

- Right click in a folder (e.g. Devices) in the System Configuration: **New** → **Device On** → **Server**
- Click **Next** on the introduction
- Select **Intelligent Security Systems** in the **Device Manufacturer** list
- Select **SecurOS Server** in the Available Devices list
- Click **Next** to enter the device details: Enter the Intelligent Security Systems SecurOS Server hostname or IP address, the port (use 0 to use the default port), and user name and password if integrated security is not being used.
- Click **Next** and **Finish** to add the device.
- Enable the device to bring it online.

Additional Configuration Details

10.2.2 Driver Compatibility

The following devices are known to be incompatible with the Intelligent Security Systems SecurOS Server.

Model
