		DeskCamera functionality	VMS / NVR / RTSP client											
			Milestone Xprotect 2020 R 2	*VLC RTSP client*	*Onvif Device Manager*	*Avigilon 7.14.2.8*	*NxWitness / DW Spectrum*	*exacqVision 9.8.5 *1*	*Axis camera Station 5.23*	*Genetec SC 5.9.0*	*Pelco VideoXpert 3.10.16*	*IPConfigure Orchid Core VMS 2.8.0*	*ISS SecurOS *11*	*UNV*
	1	*Auto Discovery*	yes	N/A	yes	yes	yes*3	no	yes	yes	yes	yes	N/A	yes
	2	*Single Camera - Desktop*	yes	yes	yes	yes	yes*3	yes	yes	yes	yes (see KB)	yes (see KB)	yes	yes
	3	*Single Camera - Webcam*	yes	yes	yes	yes	yes*3	yes	yes	yes	yes (see KB)	yes (see KB)	yes	yes
Multiple Channels mode	4	*Desktop+Webcam*	yes	yes	yes	yes	no*2	yes	yes	yes	yes (see KB)	no*10	yes	no
Multiple Channels mode	5	*Two or more Desktops*	yes	yes	yes	yes	yes*3	yes*6	yes	yes	yes (see KB)	no*10	yes	no
Multiple Channels mode	6	*Two or more Webcams*	yes	yes	yes	yes	yes*3	yes*6	yes	yes	yes (see KB)	no*10	yes	no
Multiple Cameras mode	7	*Desktop+Webcam*	yes	yes	yes	no	yes*3	yes*5	no*4	yes	no	yes (see KB)	yes	no
Multiple Cameras mode	8	*Two or more Desktops*	yes	yes	yes	no	yes*3	yes*5	no*4	yes	no	yes (see KB)	yes	no
Multiple Cameras mode	9	*Two or more Webcams*	yes	yes	yes	no	yes*3	yes*5	no*4	yes	no	yes (see KB)	yes	no
	10	*Audio G711 (Mic)*	no	yes	N/A	yes	yes	yes	yes*8	yes*7	yes	N/A	yes	?
	11	*Audio AAC (Mic)*	yes	yes	N/A	yes	yes	no	no	yes	yes	N/A	yes	?
	12	*Motion Events*	video)	N/A	yes	yes*1	N/A	no/NA	doc)	yes	?	N/A	N/A	?
	13	*Screen Area streaming*	yes	yes	yes	yes	yes*3	yes	yes	yes	yes	yes (see KB)	yes	?
	14	*source*	yes	yes	yes	yes	yes*3	yes	yes	yes	yes	yes (see KB)	yes	?
	15	*HTTP H264 3th party source*	yes	yes	yes	yes	yes*3	yes	yes	yes	yes	yes (see KB)	yes	?
	16	*RTSP H264 3th party source*	yes	yes	yes	yes	yes*3	yes	yes	yes	yes	yes (see KB)	yes	?
	17	*source*	yes	yes	yes	yes	yes*3	yes	yes	yes	yes	yes (see KB)	yes	?
	18	*audio*	no	yes	N/A	no	no	no	no	no	no	N/A	yes	?
	19	*audio*	no	yes	N/A	no	no	no	no	no	no	N/A	yes	?
	20	*Single Camera - 60 FPS *9*	yes	yes	yes	yes	yes*3	yes	?	yes	yes	yes (see KB)	yes	?
	21	*RTSP HW H265 stream*	no	yes	N/A	yes	yes	yes	?	video)	no	N/A	yes	?
	22	*streaming*	?	yes	yes	yes	?	?	?	?	?	?	?	?

*1 DeskCamera UI -> Options->SOAP tricks must be enabled

*2 That is wrong. VMS must call GetCompatibleVideoSourceConfigurations first, to determinate the allowed values

*3 Should disable secondary stream on VMS side. Camera settings->Expert->Disable secondary stream

*4 VMS validates MAC address and mixes ports (uses 8090 instead of 8091)

*5 exacqVision requires additional license for each DeskCamera source in case of Multiple Cameras mode

*6 exacqVision supports Max 4 Channels, however DeskCamera can create up to 20 channels

*7 G711 works only if when adding the device select Manufacturer - ONVIF->All , instead of Manufacturer - DeskCamera

*8 "Use FFmpeg" option must be anabled in Axis CS

*9 DeskCamera must run on Windows 8 or newer (watch video)

*10 VMS recognizes only the the first channel. Extra channels will be skipped

*11 All the tests were performed by partner ISS