

SOLIDUM



SOLIDUM Profession the scalable solution with failover protection

The SOLIDUM Professional edition allows for the setup of multiple recorder systems with automatic transfer of recording in case of recorder failure (failover). This provides a maximum of flexibility for growing installations and applications with an increased need for data security.

SOLIDUM MULTI-LOCATION - the optimal solution for chain stores

The SOLIDUM MULTI-LOCATION edition allows for central management of several SOLIDUM sites in one interface (multi store operations). Additionally this version provides the possibility to run a local video surveillance system with all the well known extensions.

Features	SOLIDUM 4 Channel VMS Professional	SOLIDUM VMS Professional Multi-Location
Max. amount of camera licences	Unlimited, 4 channel are supplied	Unlimited, none are supplied
Max. amount of client licences	Unlimited, 1 is supplied	
Archive management	"Oldest video Data is overwritten when pre-defined storage live of minimum storage capacity is reached. Archive data can be distributed across unlimited locations"	
Max. archive size	Unlimited	
Remote access	Yes (remote client or one-click-installation with target device resolution optimised H.264 transcoding for live and archive data)	
Web access	Yes (optional live and archive access, alarms, IO and PTZ control with a HTML5 capable browser. Optimised for touch display operation)	
Motion detection	Yes (full integration of internal camera motion detection and optional plug ins, for e.g. from Axis or IPS)	
Video Sensor	Yes (free parametrizable self-learning video analysis on the server)	
Licence plate recognition	yes (from 16 pixel character size upward for the 4 most common front types)	
Video compression	H.264, MPEG4, MJPEG, MxPEG (encoder parameter can be defined individually via streams and time plans)	
Resolution and frame rates	All frame rates and resolutions supported by the cameras	
Supported manufacturers	Network cameras and video servers from LTV, 3S, ACTI, Arecont Vision, Axis, Basler (BIP2 models), Brickcom, Bosch, Canon, Cohu, EverFocus, Grundig, IQeye, JVC, LG, Mobotix, Panasonic, Pelco (Sarix models), Riva, Samsung, Sanyo, Sony, Visicom, Vivotek as well as all ONVIF compatible cameras	
Bidirectional audio	Yes (lip-synchronised audio recording and playback of AAC encoded audio data, direct addressing via camera speaker)	
Video export	Yes (without loss of quality, options: encryption, SOLIDUM online player, transcoding, picture-in-picture)	
Snapshot	Yes (during recording, playback and pause as .jpg, optionally with watermark and subtitles)	
PTZ control / tour / presets	Yes („on screen“, mouse control, virtual joystick, PTZ joystick with free function key assignment)	
360° view	Yes (with server based perspective correction for Grundig cameras and cameras with ImmerVision 360° lens)	
Digital zoom / PTZ	Yes (for all cameras, live and archive)	
View ports	Among others templates for 1+12, 1+5, 2+8, 2x2, 2x3, 3x3, 4x4, 5x5, unlimited further views can be configured and stored as template	
Virtual image sections	Yes (different image clippings are available simultaneously from one video stream)	
Multiple display operation	Yes (dependant on graphics card)	
SD card-recording	Yes (optional)	
Patrol function	Yes	
Schedules	Yes (for recording times, recording parameters, rules control, PTZ tours)	
Maps	Yes (even for multiple display operations, with dynamic status visualisation for cameras and IO ports)	
Incident archive	Fixed (e.g. „camera motion“, „camera online“, „camera manipulation“, „viyas analysis“) and freely definable incident types	
SmartSearch	Yes (also optionally for SmartSearch to accelerate the search process)	
QuickSearch	Yes	
Alarm search	Via incident type, free text, incident recognition, date, time and camera	
Alarm management	Free definable policies, on the basis of incidents becoming prioritised alarms	
Direct archive access	For each camera / view via recorder timeline, date/time input, alarm lists, Fastback and last alarm button	
Playback types	Forward and backward at several speeds down to single frames (even for MPEG4 and H.264)	
Alarm forwarding	Email (with incident images and archive link), alarm upload of image or video data (control center)	
Control centers	Yes (optional connection to EBÜS)	
IO control	Yes (optional, ModBus and Axis IO module as well as IO ports of Axis and Vivotek cameras, incl. virtual IO ports for parameterisation of complex logic alarms)	
User management	Individual rights allocation for individual cameras, camera functions, live and archive access, PTZ functions, export functions, views, IO ports, alarm lists, alarm acknowledgement	
Access protection	User / password (optionally with 4-eye principle)	
System requirements	"Hardware: Intel i3 Ivy Bridge (or higher), 4GB RAM, min. 1280x1024 resolution, 1920 x 1080 recommended), 1GB free storage capacity, plus storage space for video data, 1GB/s network card, free USB-Port for safety dongle (on server). Software: Software: Windows7, Windows8, Windows Server 2003, 2008, 2012 (all 32Bit and 64Bit systems)"	
Multi-recording / Failover	Yes	No
Video wall	Yes (optional, video walls with unlimited number of single displays in free arrangement directly addressable)	
Privacy Zones	yes (either masking or pixilation of individual image areas)	
Privacy Protection	Yes (optional, pixilation of moving objects)	
Multicast	Yes (optional, minimizes the broadcasted data volume, when many clients use the live views simultaneously)	
UPnP control	Yes (optional, client and server)	
Point of sale integration	Yes (optional, via Norma box)	No