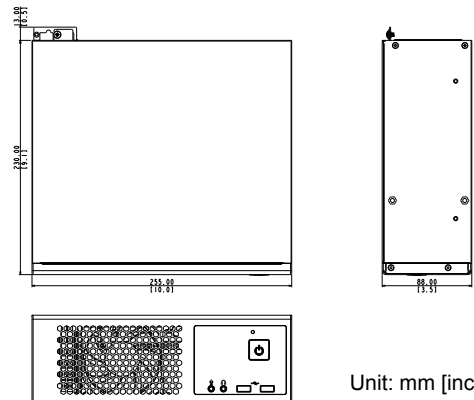# SWS-200

1-Bay Mini Standalone Workstation

- All in One Workstation (CMS Workstation, VMS Workstation and IVS Client)
- Live View Up to 64 Channels
- Search and Playback Video Clips from NVR, CMS and ALPR Server 2
- Extended Storage Supported
- Optical PTZ control
- Motion Detection Indicator
- Snapshot Function Supported
- Compatible with ACTi NVR 3 Software, Standalone NVRs, CMS 2, and ALPR Server
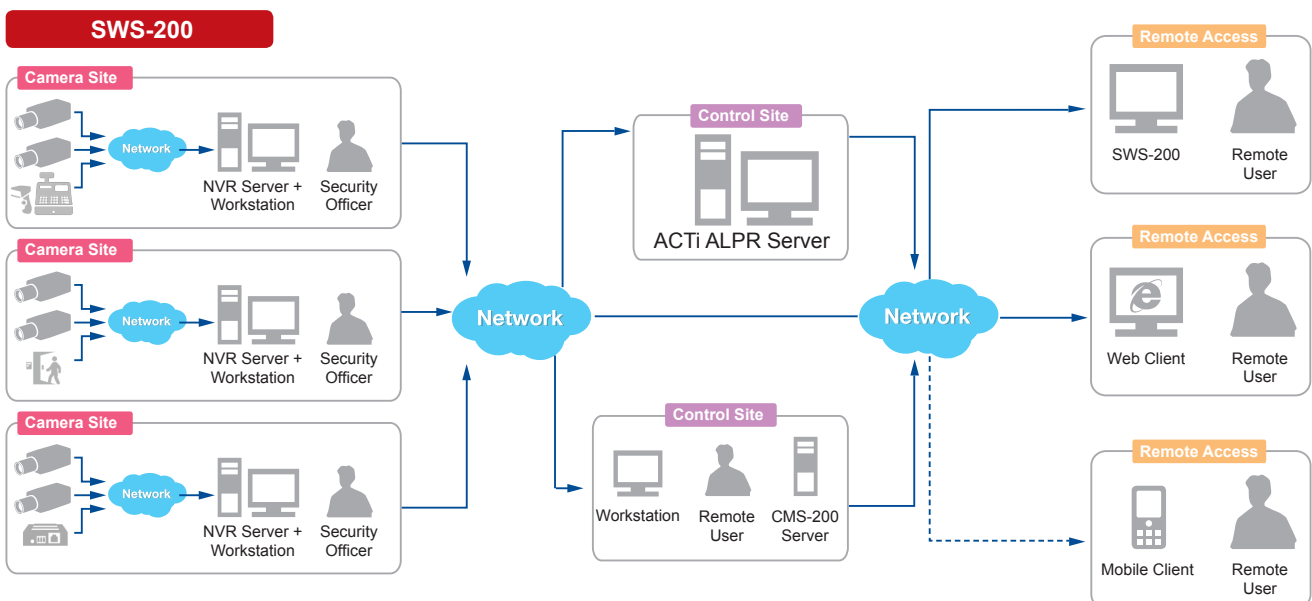
PHOTO INDICATION

1	Power Button	6	Audio Line-out
2	USB 3.0 Port	7	HDMI Port
3	Display Port	8	USB 3.0 Port
4	Ethernet Port	9	DVI Port
5	Serial Plrt	10	Audio Mic-in

DIMENSION DIAGRAM

Unit: mm [inch]

SOLUTION ARCHITECTURE

* Latest product information: www.acti.com/products
* Accessory information: www.acti.com/accessory/

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SWS-200

PRODUCT SPECIFICATION

	SWS-200	
Preinstalled Client Applications	VMS workstation, CMS workstation	IVS Client
• General		
Compression	H.265, H.264, MPEG-4, MJPEG	
Maximum Camera Resolution	Support all ACTi cameras in all resolutions	
Max. display resolution of System	1920x1080	
• Live View		
Display Layout Mode	1, 4, 5, 6, 8, 9, 10, 12, 16, 18, 24, 25, 35, 36, 48, 49, 64	1, 2, 3, 4, 9
Digital Zoom	Zoom in/out digitally by mouse scroll wheel or by zoom control buttons	-
Event Panel	Display event status upon alarm or upon connection loss or recovery between server and client or when the allocated disk space is full; Extend device's status	Event text and full image sanpshot
Manual Recording / Snap shot	Instant recording upon mouse click / Instant snapshot upon mouse click or hot key	-
Instant Playback	Instant playback in live view window	-
• Search & Playback		
Recording Search	Search video recordings by time, event, channel, bookmark and listed as clickable thumbnails for full-size view and snapshot download	Search video recordings by date & time, LPR number, LPR sanpshot, confidence level, country, ROI zone name, channel ID and black & white list
Playback Control	Continuous forward and backward playback with speeds 1x/2x/4x/8x or frame-by-frame; pause; stop	pause; stop
Synchronized Playback	64 Channels	-
Manual Snapshot	Instant snapshot from playback upon mouse click	-
Digital Zoom	Zoom in/out digitally by mouse scroll wheel or by zoom control buttons	-
Video and Data Export	Export video clips in AVI or RAW format; text overlay and POS transaction data supported	Export video clips in RAW format and meta-data in XML
• e-Map		
Layout	Area maps with camera icons, small live view windows; hyperlinked	-
e-MAP type	Google Maps; Static Map (JPG image)	-
Setup	e-Map image upload; Google maps settings and preset management; camera positioning; vision angle and pointed direction of camera; view positioning; source positioning; extended devices for Point-of-sale (POS), Access control and Network I/O	-
PTZ Mode	Mouse PTZ mode to control e-Map video streams	-
• PTZ		
Control	Pan, tilt and zoom controls; speed control; both buttons and mouse controls	-
Preset Points and Tours	Activate NVR preset points or auto tours between preset points	-
Joystick	USB based joystick supported	-
Default Protocol	Auto-detect camera's PTZ protocol. Available protocols: ACTi, Pelco-P, Pelco-D, Dynacolor, Visca	-
• Event Management		
Event Source	Receive events from multiple NVR servers	Receive events from multiple IVS servers
Event Status	Event display panel of alarm; connection loss/recovery between server and client; the allocated disk space full; Point-of-sale (POS), access control and network I/O status	License plate number, license plate's snapshot and full image snapshot; Event text and full image snapshot
Event Trigger	**NVR**: source loss and recovery; schedule service start and stop; Disk full; Disk not found; Disk is available **Device**: video motion detection; passive IR sensor; external device through digital input; video loss and recovery; network loss and recovery; Point-of-sale (POS) status; Network I/O status; Access Control status	Detected LPR, Hit whiteList and BlcakList
Event Response	Pop-up window with live video and event confirmation activation; Switch to hotspot window; Switch to customize view; Command a PTZ device to go to a preset point; Play alert sound; Activate external device through digital output; Execute system command to activate other programs; Upload video or snapshot to FTP server; E-mail notification with snapshots; Push notification	Record video with user defined rule from live view or NVR servers
Manual Event	Manually activate external devices through digital output via live view monitor	-
• System		
Operating System	Win 7 (64 bit) Std. Embedded	
Permission Control	Unlimited number of users, Active Directory, Customizable permissions for user groups, Playback Password protected, Password Validity Period	
Language	Multi-language support	
Maximum Network Throughput	300Mbps	
Network Protocal	IPv4, IPv6, TCP/IP, UDP, HTTP, DHCP client, RTP, RTSP, DNS, NTP (SNTP), ICMP, ARP, SMTP, FTP, UPnP, LDAP	

www.acti.com

ACTi
Connecting Vision

SWS-200

	SWS-200	
Preinstalled Client Applications	VMS workstation, CMS workstation	IVS Client

• Interface

External Storage	eSATA, iSCSi, USB mass storage
Local Access	HDMI/DVI/Display port for monitor, Keyboard & mouse

• Hardware

CPU	Intel Core i7-6700TE
Memory	8GB, DDR4 2133 MHz SODIMMs (slot * 2, one has benn occupied)
Bundled System HDD	SSD 120G
HDD Bay	SATA, Max. 1 3.5" Disk(s) (without storage disks); Up to 10 TB
Dimensions (W x H x D)	255mm x 88mm x 215mm (7.65" x 2.64" x 6.45")
Weight	3.2kg (7.02lb)
Operating Temperature	0 ~ 40° C (32°F ~ 104°F)
Operating Humidity	10~85%
Power Source / Consumption	AC 100-240V
Approvals	CE (EN 55022 Class B, EN 55024), FCC (Part15 Subpart B Class B), UL (for built-in power adapter)
USB	6 x USB 3.0 ports (2 front panel/ 4 Rear Panel)
Ethernet Port	2 x Gigabit Ethernet ports
Audio Port	Mic-in; Line-out
Display Port	1 x Displayport, 1 x DVI, 1 x HDMI
Serial Ports	2 x RS-232 ports
Extension Ports	1 x eSATA port

• Integration

Unified Solution	Fully compatible with ACTi cameras, encoders, central management system, TV wall and intelligent video surveillance software	
ONVIF Compliant	Support ONVIF compliant devices	-

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