Maximum Number of Cameras 288

GENERAL

#### $\Delta I / \Delta \Delta I / \Delta \Delta I$ SSM DC .

SSM-RS10L/20L/30L			SSM-RS10L	SSM-RS20L	SSM-RS30L	SSM-RS00L
5M Recording Server	DEVICE					
(Video Recording Server Solution)	Supported Device Network camera, Encoder					
	Supporte	d Protocols	Samsung, ONVIF	profile S		Samsung
	Max. Regi	ster Device	36	72	128	16
	PERFORM	IANCE				
	Video /	Video Compression Format	H.265, H.264, MP	EG-4, MJPEG		
	Audio	Multi-Profile	Live 1, Live 2, Rec	ord, Event record,	Mobile	
	Addio	Audio Compression Format	G.711 u-law (PCN	И), G.723, G.726 (Al	DPCM), AAC	
Playback		Performance	Up to 400Mbps (	@ 4 HDD's)		
V _		Manual Recording	Yes			
		Continuous Recording	Yes			
	Recording	Event Recording	Yes			
	Recording	Schedule Recording	Yes			
		Pre / Post Event	Pre : 10 ~ 60sec			
		Recording	Post: 1,200sec	sec		
		Event Notification	Audio, E-mail, SS	M C onsole		
	_	Performance	Up to 100Mbps,	Up to 16CH		
y Features		Time Search	Yes			
		Event Search	Yes			
nodels from 16 to 128 channels recording	Search &	Timeline Search	Yes			
ipports H.265, H.264, MPEG-4, JPEG codec	Playback	Smart Search	Yes			
0Mbps / 100Mbps for Recording / Playback		Bookmark Search	Yes			
ipports various recording mode :		Video Summary	Yes			
anual, Continuous, Event with pre/post and schedule		Synchronous Playback	Yes			
		Security	Multi-Level user	access authority		
r faster video search, Video summary feature provides		Data Security	SSL			
inutes video clip for several hours	System	Number of HDDs	Up to 24	ALCATA CAC CCC		
ipports failover recording system	System	Supported Storages System Failover	Yes (by SSM-HA)	i, e-SATA, SAS, iSCS	01	
pports automatic data recovery from network failover with		Network Failover	Yes (Auto recove			
mera SD card (ARB)		Time Synchronization	NTP	iy backup/		
	MISC.		1.00			
	System	Recommended		SATA II 7200rpm (	SSD is Recommenc troller (AF Supporte	
	Requirements	Minimum	Windows Server Windows 8/8.1, V * Recommender	Windows 10	vs Server 2012 R2 *	, Windows 7,

	umber of Cameras	288	Unlimited
	Number of Clients	5	Unlimited
Centralized	Management	Yes	Yes
Architectur	e	Multi-server	Multi-server
Clients		SSM console, Configuration	SSM console, Configuration
circinco		manager, SSM Mobile	manager, SSM Mobile
Supported	Devices	Network Camera / Encoder / Decoder, DVR / NVR	Network Camera / Encoder , Decoder, DVR / NVR
SUMMARY	-	Decodel, DVK/ NVK	Decoder, DVR/ NVR
Basic	System Manager	Yes	Yes
	Media Gateway	Yes	Yes
	Recording Server	Yes	Yes
	Screen Mirroring		Yes
Add-on	Virtual Matrix	-	Yes
	Tranaction Server	-	Yes
	Transcoder	-	Yes
	Failover Server	-	Yes
	Live Monitoring	Yes	Yes
	Search Playback	Yes	Yes
	Event Monitoring	Yes	Yes
	Map Monitoring	Yes	Yes
	POS/ATM Monitoring	Yes	Yes
	Wall Management	-	Yes
eatures	Google Map Monitoring	-	Yes
	Video analytics Monitoring	-	Yes
	Advanced Health Monitoring	-	Yes
	Access Control Monitoring	-	Yes
	Video Summary Search	-	Yes
	Active Directory Integration	-	Yes
OMPONE	Site Federation	-	Yes
COMPONE	N I Max. Media		
	Gateway's	4	Unlimited
Media	Max. Bandwidth	400 / 600 Mb	400 / 600 / har *
Gateway	(In / Out)	400 / 600Mbps	400 / 600Mbps *
	Max. Devices	128 network cameras or 288	128 network cameras or 288
	per Server	cameras of recorder	cameras of recorder *
	Max. Cameras Recording	128	128
	Performance	400Mbps	400Mbps *
	Playback	100Mbps	100Mbps
	Performance	Manual, Continuous,	Manual, Continuous,
Recording Server	Mode	Event (Pre / Post), Schedule	Event (Pre / Post), Schedule
Server	Auto Recovery	Yes	Yes
	Backup	100	
	Video Summary Event Boostup	-	Yes
	Recording	Yes	Yes
	ONVIF Protocol	Profile S (except SSM-RS00L)	Profile S (except SSM-RS00L)
	PC screen Streaming	Yes	Yes
Screen	for recording		
Virroring	Max. monitors	4	4
moning	Max. Streaming	5	5
	Frame rate	Up to 30fps	Up to 30fps
	Max. Monitors	-	48
	Modules	-	VM manager, VM Gateway, VM decoder
	Sequence		
Virtual	Monitoring	-	Yes
	Event Monitoring	-	Yes
Vlatrix			
Matrix	Map Monitoring	-	Yes
Vlatrix	Map Monitoring Playback on Wall	-	Yes
Vlatrix	Map Monitoring Playback on Wall Monitor	-	Yes
Vlatrix	Map Monitoring Playback on Wall Monitor Screen Merge	-	Yes Yes
Vlatrix	Map Monitoring Playback on Wall Monitor	- - - -	Yes Yes Samsung, Honeywell, JCI,
	Map Monitoring Playback on Wall Monitor Screen Merge Access Control	-	Yes Yes Samsung, Honeywell, JCI, Gallagher, Siemens
Transaction	Map Monitoring Playback on Wall Monitor Screen Merge Access Control Intrusion Detection	-	Yes Yes Samsung, Honeywell, JCI, Gallagher, Siemens Bosch, Honeywell
ransaction	Map Monitoring Playback on Wall Monitor Screen Merge Access Control Intrusion Detection Intercom	-	Yes Yes Samsung, Honeywell, JCl, Gallagher, Siemens Bosch, Honeywell Samsung, Stentofon
ransaction	Map Monitoring Playback on Wall Monitor Screen Merge Access Control Intrusion Detection Intercom Video analytics	-	Yes Yes Samsung, Honeywell, JCl, Gallagher, Siemens Bosch, Honeywell Samsung, Stentofon Agent Vi
ransaction	Map Monitoring Playback on Wall Monitor Screen Merge Access Control Intrusion Detection Intercom Video analytics Playback transcoding	-	Yes Yes Samsung, Honeywell, JCl, Gallagher, Siemens Bosch, Honeywell Samsung, Stentofon
Transaction	Map Monitoring Playback on Wall Monitor Screen Merge Access Control Intrusion Detection Intercom Video analytics Playback transcoding Max. Input	-	Yes Yes Samsung, Honeywell, JCl, Gallagher, Siemens Bosch, Honeywell Samsung, Stentofon Agent Vi
Transaction Server	Map Monitoring Playback on Wall Monitor Screen Merge Access Control Intrusion Detection Intercom Video analytics Playback transcoding Max. Input Resolution		Yes Samsung, Honeywell, JCI, Gallagher, Siemens Bosch, Honeywell Samsung, Stentofon Agent Vi For console and Mobile SM
Fransaction Server	Map Monitoring Playback on Wall Monitor Screen Merge Access Control Intrusion Detection Intercom Video analytics Playback transcoding Max. Input		Yes Samsung, Honeywell, JCl, Gallagher, Siemens Bosch, Honeywell Samsung, Stentofon Agent Vi For console and Mobile
Fransaction Server	Map Monitoring Playback on Wall Monitor Screen Merge Access Control Intrusion Detection Intercom Video analytics Playback transcoding Max. Input Resolution Max. Transcoding Max. Transcoding		Yes Yes Samsung, Honeywell, JCl, Gallagher, Siemens Bosch, Honeywell Samsung, Stentofon Agent Vi For console and Mobile 5M D1
Transaction Server	Map Monitoring Playback on Wall Monitor Screen Merge Access Control Intrusion Detection Intercom Video analytics Playback transcoding Max. Input Resolution Max. Output Resolution Max. Transcoding Channels		Yes Samsung, Honeywell, JCI, Gallagher, Siemens Bosch, Honeywell Samsung, Stentofon Agent Vi For console and Mobile SM
Fransaction Server	Map Monitoring Playback on Wall Monitor Screen Merge Access Control Intrusion Detection Intercom Video analytics Playback transcoding Max. Input Resolution Max. Output Resolution Max. Transcoding Channels Max. Site		Yes Yes Samsung, Honeywell, JCl, Gallagher, Siemens Bosch, Honeywell Samsung, Stentofon Agent Vi For console and Mobile 5M D1
Transaction Server Transcoder Federation	Map Monitoring Playback on Wall Monitor Screen Merge Access Control Intrusion Detection Intercom Video analytics Playback transcoding Max. Input Resolution Max. Output Resolution Max. Transcoding Channels Max. Site Hierarchy Level	- - - - - - - - - - - -	Yes   Yes   Samsung, Honeywell, JCI, Gallagher, Siemens   Bosch, Honeywell   Samsung, Stentofon   Agent Vi   For console and Mobile   5M   D1   10   4*
Transaction Server Transcoder	Map Monitoring Playback on Wall Monitor Screen Merge Access Control Intrusion Detection Intercom Video analytics Playback transcoding Max. Input Resolution Max. Transcoding Channels Max. Site Hierarchy Level Max. Sites	- - - - - - - - - - - - -	Yes   Yes   Samsung, Honeywell, JCI, Gallagher, Siemens   Bosch, Honeywell   Samsung, Stentofon   Agent Vi   For console and Mobile   5M   D1   10   4*   25*
Fransaction Server Franscoder Federation	Map Monitoring Playback on Wall Monitor Screen Merge Access Control Intrusion Detection Intercom Video analytics Playback transcoding Max. Input Resolution Max. Output Resolution Max. Transcoding Channels Max. Site Hierarchy Level Max. Site Hierarchy Level Max. Sites Cameras per Site	- - - - - - - - - - - - -	Yes Yes Samsung, Honeywell, JCl, Gallagher, Siemens Bosch, Honeywell Samsung, Stentofon Agent Vi For console and Mobile 5M D1 10 4* 25* 288 *
Fransaction Server	Map Monitoring Playback on Wall Monitor Screen Merge Access Control Intrusion Detection Intercom Video analytics Playback transcoding Max. Input Resolution Max. Output Resolution Max. Transcoding Channels Max. Site Hierarchy Level Max. Site Hierarchy Level Max. Sites Cameras per Site	- - - - - - - - - - - - -	Yes   Yes   Samsung, Honeywell, JCI, Gallagher, Siemens   Bosch, Honeywell   Samsung, Stentofon   Agent Vi   For console and Mobile   5M   D1   10   4*   25*

SSM Professional / Enterprise

Enterprise

Professiona

Data Security Device Discovery Auto / Manual Auto/Manual Device name Syncronization | Server, Recorder to SSN Server, Recorder to SSM System Edits/mutli-Device Names Yes Management Server Setup File Import/Export Yes Device Firmware Update Yes Device Access Authority Setup Yes User Feature Level Authority Setup Yes Management LDAP Integration Yes Event Priority Setup From 1 to 10 with color From 1 to 10 with color Event External Event Integration Yes Yes Management Rule Based Event Action Setup Yes Yes Real-time System Monitoring Yes System System Status Summary Dashboard Detailed System Status System Status Summary Yes Yes Event Statistics Graph OPERATION Live, Search, Event Live Search, Event, Google Map, Plug-in Viewers Multi-Monitor Up to 4 Up to 4 Video Decoding Via GPU Nvidia CUDA processor Nvidia CUDA processor System Health Monitoring Yes Yes General Screen lock Yes Yes Multicast 
 Auto bandwidth control
 Changes camera profile, I-frame mode and deblocking by split Format automatically

 System Controller Integration
 SPC-2000, SPC-7000
 Changes camera profile, I-frame mode and deblocking by split Format automatically SPC-2000, SPC-7000, Axis T8310 Number of Channels for Live 100CH 100CH Sequence Monitoring Yes Yes Pre Defined Layout Yes Yes User Favorite Layout Yes Yes PTZ Control Yes PTZ Area Zoom Yes Yes Digital Zoom Yes Single, quad, panoramic Fisheye Camera View Single, quad, panorami Live Two-way Audio Monitoring Audio Broadcasting Yes Yes Manual Recording Local PC, Recorder Local PC, Recorder Playback on Live Yes Yes Video Adjustment Brightness, Contrast Brightness, Contrast Video Enhancing Deintelace, Flip, Defog Deintelace, Flip, Defog Manual alarm out control Yes Export/Print Image Yes Yes Video Wall Control Yes Live event list Yes Yes Event Thumbnail Image on Live Yes Yes Event Acknowledge Normal, abnormal, etc with note Normal, abnormal, etc with note Instant Viewer Event Instant Player Yes Monitoring Event Search Yes Event Sequential Playback Yes Yes Rule Based Event Setup Yes Yes Event Handling History Yes Yes Event Report Number of Channels for Plavback Yes Yes Date/Time Search Yes PDF file with chart and graph Event Search PDF file with chart and graph Local Folder Search Yes Yes Bookmark Search Yes Yes Smart Search Yes Video Summarv Yes Search & Heat-Map (for NVR) Yes Yes Playback Motion Search (for DVR) Yes Yes Multi Channel Time Line Yes with color variaion per recording Type Yes with color variaion per recording Type Synchronous Playback Yes Yes SEC, AVI Export Video/Image SEC, AVI Yes(Backup for SSM, Yes(Backup for SSM 2 Men Rule Search&Backup for NVR) Search&Backup for NVR) Scheduled backup, Masking backup, Scheduled backup, Masking backup Backup Onetime schedule backup Onetime schedule backup 2D/3D image Map Monitoring Yes Number of layout Format for Map | 1 O Map link on Map Yes Yes Monitoring SetCoordinates for 2D map Yes Yes Export Image Capture, Print Capture, Print Google Map Monitoring Yes leasure Distance on Google Map Yes PoS Recept Display on Live Yes Yes PoS PoS instant Viewer Yes Yes integration PoS Search Yes Yes ETC Customizable Plug-in Yes

Professional

with NTP or a server component

CONFIGURATION & MAINTENANCE

Time sync

General

SetupFile Backup/Restore Yes

Login Fail Time Limitation Yes

Enterprise

with NTP or a server component

\* Design and specifications are subject to change without notice.

\* The lastest product information / specification can be found at hanwha-security.com

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## WISENET SAMSUNG

\* The lastest product information / specification can be found at hanwha-security.com \* Design and specifications are subject to change without notice.

SSM Virtual Matrix

(Video Wall Display Solution)

SSM-VM10L/20L

SSM-TS10L

SSM Transaction Server (3<sup>rd</sup> party System Integration Solution)

Access Control

System

Supp

Syste

Key Features
--------------

• 3<sup>rd</sup> Party System Such as Access Control System, Intrusion Detection System and Video analytics can be Integrated with SSM by Transaction Server

Access Event

- Provides Event Popup with Personal Information of a Person who Passed a Gate on Map
- •Translated Events Can be Used as Event Action Setup that Can Meet on Various End-User Requirements
  - Supp Even

INTERCOM

- Syste Supp
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- Supp Even
- MISC

Syster Requi

## **Key Features**

- 3 models from 16 to 48 monitors
- · Consists of gateway, Decoder and manager
- Provides various live monitoring mode :
- Wall layout, wall / monitor sequence and map monitoring
- Screens of multi monitors can be merged like one monitor • Event spot per wall, Monitor and tile makes operators to focus only on event occurred live video

Video Wall

		SSM-VM10L	SSM-VM20L	SSM-VM00L
GENERAL				
Max. Number of Monitors		16	36	48 (H/W decoder)
Modules		VM manager, VM gateway, VM decoder		
Control Interfa	ce	SSM console, VM man	ager	
FEATURES				
	Wall Layout	Upto 8 x 8 split mode		
	Wall Sequence	Yes		
	Monitor Sequence	Yes		
Live Monitoring	Map Monitoring	Yes		-
monitoring	Screen Merge	Yes		-
	Auto Profile Change	Yes		-
	Wall Spot	Yes		-
Event Monitoring	Monitor Spot	Yes		-
Monitoring	Tile Spot	Yes		-
Playback	Video Playback on Wall	Yes		-
MISC.				
Data Security		SSL		
3 <sup>rd</sup> Party IP Vide	eo Wall Integration	Leadtech		
System Requirements	Recommended	CPU Intel Core i7-4770@3.40GHz, RAM 8GB, 10GB HDD, NVIDIA GTX760, Video memroy 2GB, DirectX 9.0		-
	Operating System	Windows 7, Windows VMG : Windows Server Windows Server 2012	r 2008 R2,	-

\* The lastest product information / specification can be found at hanwha-security.com \* Design and specifications are subject to change without notice.

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Supported	Access Control	Samsung, Honeywell, JCI, Gallagher, Siemens
	Intrusion Detection	Bosch, Honeywell
System	Intercom	Samsung, Stentofon
	Video analytics	Agent Vi
ACCESS CO	NTROL	
	Samsung SAMS	21 events
Supported System	Honeywell Pro3000 / Pro3200	13 events
	JCI-P2000	15 events
	Gallagher CCFT	7 events
	Siemens Sipass	12 events
Supported Event	Controller	INPUT_SIGNAL_OCCURRED / INPUT_SIGNAL_OCCURRED, INPUT_ SIGNAL_RELEASED / SYSTEM_SETUP_MODE / INPUT_DISCONNECTED
	Door	ACCESS_GRANTED / ACCESS_DENIED / INVALID_TIME_SCHEDULE / ANTIPASS_BACK_ENTRY / ANTIPASS_BACK_EXIT / INVALID_ PASSWORD / ACCESS_DOOR_ERROR / BIOMETRIC_ERROR / DURESS_ ALARM / ARM / DISARM / OVERTIME_DOOR_OPENED / OVERTIME_ DOOR_CLOSED / FORCED_DOOR_OPENED / 2MEN_TIME / ACCESS_ TRIAL_WHITE_ARMED / IO_STAUS_CHANGE

### INTRUSION DETECTION

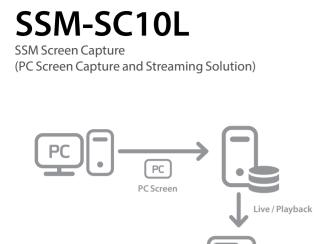
Supported	Bosch IP7400	1 event
System	Honeywell VISTA128	1 event
Supported Event	Detector	BURGLARY_ALARM
INTERCOM		

Supported System	Samsung SAMS	6 events
	Stentofon XE1	6 events
Supported Event	Intercom	STNT_STATION_BUSY/STNT_STATION_FREE/STNT_STATION_ CONNECT/STNT_STATION_DISCONNECT/STNT_CALL_REQUEST/ IO_STAUS_CHANGE

#### VIDEO ANALYTICS

oported tem	Agent Vi	9 events
oported ent	Camera	ASSET_PROTECTION / CAMERA_TAMPERING / CROWN_DETECTION / LOITERING / OCCUPANCY / STOPPED_VEHICLE / SUSPICIOUS_OBJECT / THERMAL_CAMERA / VEHICLE_TAILGATIONG
SC.		
em	Recommended	CPU Intel Core i7-4770@3.40GHz, RAM 8GB, 20 GB HDD(SSD is recommended)
uirements	Operating System	Windows 7, Windows 8/8.1, Windows 10, Windows Server 2008 R2, Windows Server 2012 R2

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		SSM-SC10L
FEATURES		
Video	Max. Resolution	2560 x 1600
Source	Source	PC monitor screen
	Protocol	IPCAM2
	Video Codec	H.264, MJPEG
	Audio Codec	G.711
Video	Max. Output stream	5
Stream		NVidia : GTX-650 series, 340.33 driver
	HW Acceleration	Intel : HD 2000
	(H.264)	AMD VGA : Radeon HD 7700, R7 250, R9 270
		(Single monitor is needed for AMD)
MISC.		
Language		English, Korean
		CPU Intel Core i7-4770@3.40GHz,
	Recommended	RAM 8GB, 10GB HDD, NVIDIA GTX760,
System		Video memroy 2GB, DirectX 9.0
Requirement		Windows 7, Windows 8/8.1, Windows 10
	Operating System	Windows Server 2008 R2, Windows Server 2012 R2

### **Key Features**

Captures PC screen and make Video Stream

• The Video Stream acts same as a camera so it can be displayed

on SSM console or recorded in Recording Server

Supports max. 2560 x 1600 Resolution

• Supports H.264 and MJPEG

Supports max.5 Output streams

\* The lastest product information / specification can be found at hanwha-security.com \* Design and specifications are subject to change without notice.

Preliminary version

SSM-TC10L SSMTranscoder

(Video Transcoding Solution for Mobile Users)

## Supp Vide FEAT Vide Inpu low Resolutio

Recording

Phone

#### **Key Features**

Server

• Transcoder is for Mobile users in Bandwidth Limited

Environment

• Transcoder Runs in Media Gateway and Activated by Additional

Transcoder

License

• Supports H.264, MPEG-4, MJPEG

• Max. 10 Streams Can be Transcoded

Max. D1 Resolution for Transcoded Output Stream

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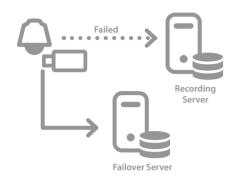
NETWORK PERIPHERAL

## SSM-TC10L

GENERAL		
Supported Client		SSM Mobile
Video Source		Recorded Video Data for Playback
FEATURE	S	
Video Input	Max. Channels	10
	Codec	Input : H.264, MJPEG, MPEG-4
	Resolution	5M
Video Output	Codec	H.264 High Profile at 50 GoP size
	Codec	20fps@D1 25fps@CIF 30fps@QCIF
	Codec Misc.	Entropy Coding Type : CAVLC Deblocking : ON Bit rate Type : VBR

\* The lastest product information / specification can be found at hanwha-security.com \* Design and specifications are subject to change without notice.

## SSM-HA SSM Failover Server (System Faliover Solution for SSM Components)



		SSM-HA
GENERAL		
Failover Architecture		Active (Target) - Standby, N + M Redundancy
Target Serv	ers	Recording Server, Media Gateway, Video Matrix Gateway
Max. Target Server		Unlimited
Configure Interface		IE 9, FireFox 12, Safari 5.1, Chrome 18
FEATURES		
Standby	Failover	Thru Heartbeat Check
Server	Heartbeat	1 second
e	IP Address	Yes
Standby Server	Data Recovery on RS	Yes
Jeivei	Auto Failback	Yes
Data	Auto Recovery	Yes
Recovery	Pause-Resume	Yes
REQUIREM	ENTS	
Storage Ne	eded	Needs More Than 2GB
Disk limitat	ion for RS	2 HDDs for the Recording and Recovery Except the OS Disk
System Rec	luirements	Active and Standby System Spec should be Same (OS, HDD's, Ethern

## **Key Features**

- Failover Solution for Recording Server, Media Gateway and
- Virtual Matrix Gateway
- Active and Standby Failover architecture
- Number of Target Server is not Limited
- Configuration Can be Done by any Browsers

\* The lastest product information / specification can be found at hanwha-security.com \* Design and specifications are subject to change without notice.

# SSM Mobile

SSM Mobile Viewer for Android / iOS



GENI Max. Devi Mobi FEAT

Key Features	
--------------	--

Local / Remote Connection to SSM

- View Layout / Device List by User
- View Live Streaming Video with PTZ Control
- Supported Format : H.264, MJPEG
- Video Image Flip / Mirror, Video Image Capture
- Calendar Search / Playback / Bookmark Functions
- SSM Login for Security

Quick & Easy Access at Mobile Environment & Wi-Fi Networks

Compatible with "Dynamic Domain Naming Service" (DDNS)

Multi-Language

\* For proper monitoring with SSM Mobile on your device, the device should suffice minimum requirements. \* The lastest product information / specification can be found at hanwha-security.com \* Design and specifications are subject to change without notice.

\* The SSM Mobile Application Can be Downloaded from Google Play Store & Apple App Store.

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			NET WORK CAN
		SSM Mobile	MO
GENERAL			NET
Max. Video Resolution		1920 x 1080	
Device List with Thumbnail Image		Yes	
Mobile Netw	work Status Display	Yes	
FEATURES			<u>c</u>
	Screen-split Mode	1, 4, 9, 16	NVR
	PTZ Control	Yes	
	Screen Capture	Yes	
Live	Digital Zoom	Yes	
Monitoring	Camera Focus Control	Yes	
	Audio Listen	Yes	X N
	Auto / Manual	Yes	NETWORK
	Profile Change	162	
	Date / Time Search	Yes	
Council 0	Event Search	Yes	
Search & Playback	Bookmark Search	Yes	
	Playback Resolution	Yes (SSM transcoder is needed)	ACCESS TDOI CVCTEM
	Change		CESS
MISC.			AC
Language		English, French, German, Spanish, Italian, Russian, Chinese, Japanese,	NO
		Korean, Turkish, Polish, Czech, Serbian, Romanian, Portuguese, Dutch, Croatian, Hungarian, Greek, Swedish, Danish, Finnish, Norwegian	
		croatian, nanganan, creek, sweash, banish, ninish, norwegian	

		Croatian, Hungarian, Greek, Swedisn, Danisn, Finnisn, Norwegian	
System Requirements	Recommended	CPU 1.4GHz, RAM 2G, Available RAM 1G or more, Network 3G, 4G (LTE), Wi-Fi	AMERA
	Operating System	Android OS 4.4.x, 5.x, 6.x iOS 7, iOS 8, iOS 9	ANALOG C
	Mobile Phone Tested	Android Galaxy S3 (v4.4.4), Galaxy S5 (v4.4.2) Galaxy S6 Edge (v6.0.1), Galaxy Note 4 (v5.1.1) Galaxy Tab S2 10.1 (v5.0.2) iOS iPhone 5S (v8.4.1), iPhone 6 (v8.1.1), iPhone 6S (v9.2), new iPad 3 (v7.0.4), iPad 2 (v8.3)	DVR