



ハートセキュリティ まもレンジャー



最高グレード200万画素カメラが
1日 たったの ¥200～

しかも！初期費用 **¥0-**

当社無金利ローン60回プランご利用の場合



SNO-6011R



- Max. 2M (1920 x 1080) resolution, 1080pフルハイビジョン
- 30fps@1080p Full HD
- Built-in 3.8mm 固定レンズ
- Day & Night (ICR), Enhanced DIS, 結露防止
- WDR (120dB), IR LED (IR distance 32ft, 10ea)
- WDR (120dB)、赤外線発光ダイオード(IR距離15m、10ea)
- Built-in SD/SDHC/SDXC memory slot
- Multi-crop streaming

	セット内容	
	当社	他社
カメラ	1台	1台
レコーダー	1台(1TB)	1台(500GB)
モニター	1台	なし
ケーブル	1式	なし
取付金具	1式	なし
カメラ用電源	1式	なし
DVR用マウス	1個	1個
防犯ステッカー	2枚	1枚
*カメラ設置工事	含む	含まない

VIDEO	
Imaging Device	1/2.8" 2.38M CMOS
Total Pixels	1,952(H) x 1,236(V)
Effective Pixels	1,944(H) x 1,224(V)
Scanning System	Progressive
Min. Illumination	Color : 0.3Lux (F2.0, 50IRE), 0.03Lux (2sec, 50IRE), 0.08Lux (F2.0, 30IRE) B/W : 0Lux (IR LED on), 0Lux (F2.0, 30IRE, IR LED on)
S / N Ratio	50dB
Video Output	CvBS : 1.0Vpp / 75Ω composite, 704 x 480(H), 704 x 576(P)
LENS	
Focal Length (Zoom Ratio)	3.8mm fixed
Max. Aperture Ratio	F2.0
Angular Field of View	H : 84.5° / V : 45.8° / D : 98.8°
Min. Object Distance	0.5m (1.64ft)
Focus Control	Manual
Mount Type	Board-in type
OPERATIONAL	
IR LED	16ea
Viewable Length	15m (49.21ft)
Camera Title	Off / On (Displayed up to 45 characters)
Day & Night	Auto (ICR) / Color / B/W
Backlight Compensation	Off / BLC
Wide Dynamic Range	WDR 15fps 120dB
Contrast Enhancement	SSDR (Samsung Super Dynamic Range) (Off / On)
CAR (Color Aberration Reduction)	Off / Low / Middle / High
Digital Noise Reduction	SSNR (2D+3D noise filter) (Off / On)
Digital Image Stabilization	Off / On
Defog	Off / Auto / Manual
Motion Detection	Off / On (4ea 4 points polygonal zones)
Privacy Masking	Off / On (32ea polygonal zones)
Gain Control	Off / Low / Middle / High
White Balance	ATW / AWC / Manual / Indoor / Outdoor
Electronic Shutter Speed	Auto / A.FLK / Manual (1/30 - 12,000sec)
Flip / Mirror	Off / On
Intelligent Video Analytics	Tampering, Virtual line, Enter / Exit, (Dis)Appear, Face detection with metadata
Alarm I/O	Input 1ea
Alarm Triggers	Motion detection, Tampering, Face detection, Video analytics, Alarm input
Alarm Events	File upload via FTP and E-mail, Notification via E-mail, Local storage (SD/SDHC/SDXC) or NAS recording at Event (Alarm triggers)

NETWORK	
Ethernet	RJ-45 (10/100BASE-T)
Video Compression Format	H.264 (MPEG-4 part 10/AVC), MJPEG
Resolution	1920 x 1080, 1600 x 1200, 1280 x 1024, 1280 x 960, 1280 x 720, 1024 x 768, 800 x 600, 800 x 450, 640 x 480, 320 x 240, 320 x 180
Max. Framerate	H.264 : Max. 30fps at all resolutions MJPEG : 1920 x 1080, 1600 x 1200, 1280 x 1024, 1280 x 960, 1280 x 720, 1024 x 768 : Max. 15fps 800 x 600, 800 x 450, 640 x 480, 640 x 360, 320 x 240, 320 x 180 : Max. 30fps
Video Quality Adjustment	H.264 : Compression level, Target bitrate level control, MJPEG : Quality level control
Bitrate Control Method	H.264 : CBR or VBR, MJPEG : VBR
Streaming Capability	Multiple streaming (Up to 10 profiles)
IP	IPv4, IPv6
Protocol	TCP/IP, UDP/IP, RTP/UDP, RTP/TCP, RTCP/RTSP, RTP, HTTP, HTTPS, SSL, DHCP, PPPoE, FTP, SMTP, ICMP, IGMP, SNMPv1/v2c/v3(MIB-2), ARP, DNS, DDNS, QoS, PIM-SM, UPnP, Bonjour
Security	HTTPS(SSL) login authentication, Digest login authentication IP address filtering, User access log, 802.1x authentication
Streaming Method	Unicast / Multicast
Max. User Access	15 users at unicast mode
Edge Storage	micro SD/SDHC/SDXC Motion images recorded in the SDXC/SDHC/SD memory card can be downloaded
Application Programming Interface	ONVIF profile S, HTTP API (SUNAPI) 2.0, SWP 1.2
Webpage Language	English, French, German, Spanish, Italian, Chinese, Korean, Russian, Japanese, Swedish, Danish, Portuguese, Turkish, Polish, Czech, Rumanian, Serbian, Dutch, Croatian, Hungarian, Greek, Norwegian, Finnish
Web Viewer	Supported OS : Windows XP / VISTA / 7 / 8 / 8.1, MAC OS X 10.7 Supported Browser : Microsoft Internet Explorer (Ver. 11 ~ 8) Mozilla Firefox (Ver. 19 ~ 9) * Windows only Google Chrome (Ver. 25 ~ 19) * Windows only Apple Safari (Ver. 6.0.2)(Mac OS X 10.8, 10.7 only), 5.1.7) * Mac OS X only
Control Management Software	SmartViewer
ENVIRONMENTAL	
Operating Temperature / Humidity	-30°C ~ +55°C (-22°F ~ +131°F) / Less than 90% RH *Start up should be done at above -10°C (+14°F)
Storage Temperature / Humidity	-30°C ~ +60°C (-22°F ~ +140°F) / Less than 90% RH
Ingress Protection	IP66
ELECTRICAL	
Input Voltage / Current	PoE (IEEE802.3af)
Power Consumption	Max. 8.5W
MECHANICAL	
Color / Material	Dark gray / Plastic
Dimensions (WxHxD)	77.1 x 83.0 x 302.4mm (3.04" x 3.27" x 11.91")
Weight	560g (1.23 lb)

* The latest product information / specification can be found at www.samsungsecurity.com



HLC-81CD

HLC-79CD

HLC-1NCD

センサー	1/2.7"の2メガピクセルCMOSセンサー		
ネットワーク	ワイヤレス(オプション)		有線
最大解像度	1920 x 1080P 200万画素		
フレームレート	30fps: 1280 x 720 30fps: 1920 x 1080		
レンズ	CSMOUNT	3.6-16mm	3-9mm
圧縮方式	H.264/MPEG4/MJPEG		
音声	LINE 2-Way		
電源	DC12V 3.8W	DC12V 5.8W(IR on) 3.8W(IR off)	DC12V 4.9W(IR LED on) 3.2W(IR LED off)
外形寸法	W65 x H58 x D132mm	Φ83 x D180mm	Φ132 x H108.4mm
重量	450g	1000g	680g
使用温度	0~45℃	ノーマル: -10~50℃ ヒーター: -40~50℃	0~45℃

カメラの性質

HLC-79CDは防水の屋外用カメラです。
またHLC-81CDは夜間撮影に最適な Day&Night
機能により感度の良い撮影が可能です。

それぞれにIR(近赤外線)カットフィルターが付いており
(HLC-81CDはoption) 夜間でも品質の高い撮影が
可能です。

同時圧縮

H.264/MPEG4/MJPEG を同時圧縮しているため
マルチストリーム出力が可能です。

スマートフォン用アプリケーション対応

iPhone・Android OSのスマートフォンに対応
しているため外出先からの接続も可能です

Full HDのメガピクセルカメラ

イメージセンサーは、1/2.7"の2メガピクセル
CMOSセンサーを使用。

動作検知

カメラ側に3ゾーンまでの動作検知エリアを設定
する事ができるため、より正確な動作検知が可能
です。

プライバシーマスキング

3エリアまでマスキングを設定することができるため
映像表示したくない部分を隠すことができます。

SDHCスロット

本体のSDHCスロットに録画することもできるため
ネットワークが切断している時にも撮影することが
可能です。



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- WDR (120dB), IR LED (IR distance 32ft, 10ea)
- WDR (120dB)、赤外線発光ダイオード (IR距離 15m, 10e)

NETWORK	
Ethernet	RJ-45 (10/100BASE-T)
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Streaming Capability	Multiple streaming (Up to 10 profiles)
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Security	HTTPS(SSL) login authentication, Digest login authentication IP address filtering, User access log, 802.1x authentication
Streaming Method	Unicast / Multicast
Max. User Access	15 users at unicast mode
Edge Storage	micro SD/SDHC/SDXC Motion images recorded in the SDXC/SDHC/SD memory card can be downloaded
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Central Management Software	Smartviewer
ENVIRONMENTAL	
Operating Temperature / Humidity	-10°C ~ +55°C (+14°F ~ +131°F) / Less than 90% RH
Storage Temperature / Humidity	-30°C ~ +60°C (-22°F ~ +140°F) / Less than 90% RH
ELECTRICAL	
Input Voltage / Current	PoE (IEEE802.3af class3)
Power Consumption	Max. 6.6W
MECHANICAL	
Color / Material	Ivory / Plastic
Dimensions (WxH)	Ø120.0 x 101.8mm (Ø4.72" x 4.01")
Weight	395g (0.87 lb)

VIDEO	
Imaging Device	1/2.8" 2.38M CMOS (MX136)
Total Pixels	1,952(H) x 1,236(V)
Effective Pixels	1,944(H) x 1,224(V)
Scanning System	Progressive
Min. Illumination	Color : 0.3Lux (F2.0, 50FE), 0.03Lux (2sec, 50FE), 0.08Lux (F2.0, 30FE) B/W : 0Lux (IR LED on), 0Lux (F2.0, 30FE, IR LED on)
S / N Ratio	50dB
Video Output	CVBS : 1.0 Vpp / 75Ω composite, 704 x 480(N), 704 x 576(P)
LENS	
Focal Length (Zoom Ratio)	3.8mm fixed
Max. Aperture Ratio	F2.0
Angular Field of View	H : 84.5° / V : 45.8° / D : 98.8°
Min. Object Distance	0.5m (1.64ft)
Focus Control	Manual
Mount Type	Board-in type
PAN / TILT / ROTATE	
Pan / Tilt / Rotate Range	0° ~ 354° / 0° ~ 67° / 0° ~ 355°
OPERATIONAL	
IR LED	10ea
Viewable Length	10m (32.81ft)
Camera Title	Off / On (Displayed up to 45 characters)
Day & Night	Auto (ICR) / Color / B/W
Backlight Compensation	Off / BLC
Wide Dynamic Range	WDR 15fps 120dB
Contrast Enhancement	SSDR (Samsung Super Dynamic Range) (Off / On)
CAR (Color Aberration Reduction)	Off / Low / Middle / High
Digital Noise Reduction	SSNR (2D+3D noise filter) (Off / On)
Digital Image Stabilization	Off / On
Defog	Off / Auto / Manual
Motion Detection	Off / On (4ea 4 points polygonal zones)
Privacy Masking	Off / On (32ea polygonal zones)
Gain Control	Off / Low / Middle / High
White Balance	ATW / AWC / Manual / Indoor / Outdoor
Electronic Shutter Speed	Auto / AFLK / Manual (1/30 ~ 12,000sec)
Flip / Mirror	Off / On
Intelligent Video Analytics	Tampering, Virtual line, Enter / Exit, (Dis)Appear, Face detection with metadata
Alarm I/O	Input 1ea
Alarm Triggers	Motion detection, Tampering, Face detection, Video analytics, Alarm input
Alarm Events	File upload via FTP and E-mail, Notification via E-mail, Local storage (SD/SDHC/SDXC) or NAS recording at Event (Alarm triggers), External output



SRN-473S, 873S, 1673S

DISPLAY		
Video	Inputs / Resolution	Up to 8CH / CIF ~ 8M
	Protocols	Samsung, ONVIF
Live	Local Display	HDMI / VGA
	Multi Screen Display	[Local monitor] 1 / 4 / 6 / 8 / Auto sequence, [Web] 1 / 4 / 8 / Auto sequence
	Performance	[Local monitor] 8M (20fps), 5M (30fps), 3M (50fps), 2M (150fps), 720p (240fps), D1 (240fps) [Web] 5M (30fps), 3M (60fps), 2M (120fps), 720p (240fps), D1 (240fps)
PERFORMANCE		
Operating System	Embedded	Linux
Recording	Compression	H.264, MJPEG
	Recording Bandwidth	64Mbps, 2M 8 camera real-time recording
	Resolution	CIF ~ 8M
	Mode	Normal, Scheduled, Event (Pre / Post)
	Event Trigger	Alarm input (4), Video loss, Camera event (Alarm in, MD, Video analytics)
	Event Action	E-mail, PTZ preset, Alarm out, Buzzer, Monitor out
Search & Playback	Playback Bandwidth	32Mbps
	Performance	Max. 3 users
	Mode	Date & Time (Calendar) / Event log list / Text Search (POS)
	Simultaneous Playback	[Local monitor] Up to 8CH, [Web, CMS] Up to 8CH
	Resolution	CIF ~ 8M
	Fish-eye Dewarping	Via Smartviewer
Storage	Playback Control	Fast/Slow Forward/Backward, Move one step up/down
	Internal	2 SATA
	External (DAS)	1 e-SATA
	Max. Capacity	Internal 8TB
Back up	File Back up	BL/EXE (USB), JPG/AVI (Web, CMS)
	Function	Max. 8CH playback, Date-time/title display
Sensor	Input / Output	4 / 3 (NO 2ea, NO/NC 1ea)
Audio	Input / Compression	8CH (Network) / G.711, G.726, AAC (16/48KHz)
	Audio Communication	2-way



HNR-04EE/ 09EE/ 16EE

カメラ入力	4ch	9ch	16ch
音声	入力 3.5 Φ イヤホンステレオジャック 出力 3.5 Φ イヤホンステレオジャック		
ビデオ出力	HDMI x1 / VGA x1		
Ethernet	RJ-45, 10/100/1000 Mbps x1		
接続デバイス	Front: USB 2.0 x2		
トリガ	アラーム入力×8 リレー出力×1		
適応温度	0 - 45 °C / 32~113 F		
録画フォーマット	Manual / Schedule / Alarm.		
HDDポート	SATA HDD x 4		
リモート検索	ウェブサイト リモート時間/イベント検索		
電源	DC-12V 最大5A		
外形寸法	360mm x 60mm x 311mm		