

# IRIS-L SERIES H.264 STANDALONE DVR

**IRIS-16**


Front View


**IRIS  
Viewer  
(iPhone)**

Rear View



## Features

- Stable 2 chip solutions of H.264 H/W compression
- Pentaplex function(Live Display / Recording / Playback / Backup / Remote access)
- Video Output with High Resolution(1920x1080p)  
480/400 Live Display, 480/400FPS Recording for CIF ,  
120/100FPS Recording for full D1**
- Multi Video Output: HDMI, VGA, Composite, Call Monitor**
- Alarm triggering screen (Tips, buzzer, PTZ preset, e-mail)
- CMS for remote Live Monitoring, Recording, Playback
- RAID 0 (Extended) / RAID 1 (Mirrored) function support**
- 4 S-ATA HDD (Max 6 TB storages and CD/DVD RW)**
- Upgraded GMT / Support Digital Zoom Function**

Specification			IRIS-04L	IRIS-08L	IRIS-16L
System	Video Input /Loop out		4 /4 BNC	8/8 BNC	16/16 BNC
	Video Output		1 BNC TV output, 1 VGA output, S-Video, SPOT, HDMI		
	Video Signal		NTSC or PAL		
	O.S.		Embedded Linux		
	Pentaplex		Live Display, Recording, Playback, Backup, & Remote access		
	Control Device		Front panel, Mouse, IR Remote control		
	Compression		H.264 H/W Compression (Soft-logic Codec + Intel CPU)		
Video	Video Resolution		1920 x 1080p		
	Video Recording (NTSC/PAL)	CIF	120 / 100	240 / 200	480 / 400
		HD1	120/100	240 / 200	240 / 200
		<b>D1</b>	<b>120 / 100</b>	<b>120 / 100</b>	<b>120 / 100</b>
Audio	Video Display split		1 / 4	1 / 4 / 9	1 / 4 / 9 / 16
	Audio Input		4CH	8CH	16CH
	Audio Output		2 CH, RCA		
Motion & Alarm	Motion Detection		Motion Detection with Notification		
	Alarm Input		4CH	8CH	16CH
	Relay Output		4 OUT	4 OUT	4 OUT
Storage	HDD		SATA x 3ea		
	ODD		CD/DVD RW (SATA) x 1ea		
Record, PlayBack& Back up	Recording mode		Manual, Continuous, Video Detection(Motion, video loss), Sensor		
	Function		Watermark, Pre-recording		
	Search mode		Time/Date, Event(Sensor, Alarm, Video loss)		
	Playback		Quick Search, Live Search, Calendar Search, Time Search		
	Back up		USB memory stick / USB external HDD / CD/DVD-RW		
Network & CMS	Network Function		TCP/IP, DHCP, DDNS, PPPOE, E-mail		
	CMS		Net/Web Client, Live Streaming, Remote Playback,		
	NDMS (Optional)		Multi view(max.64CH), Multi access (max. 256DVR), E-map, Multi-monitor		
Auxiliary Interface	Communication Port		RS232, RS485, Ethernet, 2 USB (Front: 2)		
Weights & Measures	Dimension		430(W) x 338(D) x 90(H)mm		
	Weight		5.8KG (without HDD)		
Power	Source		12VDC		
	Consumption		56W Max.		

# IRIS-S SERIES H.264 STANDALONE DVR(Compact Size)


**IRIS-16S**

## Features


**IRIS  
Viewer  
(iPhone)**

**Front View**

- Stable 2 chip solutions of H.264 H/W compression
- Pentaplex function(Live Display / Recording / Playback / Backup / Remote access)
- **Video Output with High Resolution(1920x1080p)  
480/400 Live Display, 480/400FPS Recording for CIF ,  
120/100FPS Recording for full D1**
- **Multi Video Output: HDMI, VGA, Composite, Call Monitor**
- Alarm triggering screen (Tips, buzzer, PTZ preset, e-mail)
- CMS for remote Live Monitoring, Recording, Playback
- **RAID 0 (Extended) / RAID 1 (Mirrored) function support**
- **4 S-ATA HDD (Max 8 TB storages)**
- **Upgraded GMT / Support Digital Zoom Function**

**Rear View**


Specification			IRIS-04S	IRIS-08S	IRIS-16S
System	Video Input		4 BNC	8 BNC	16 BNC
	Video Output		1 BNC, 1 VGA, 1 HDMI	1 BNC, 1 VGA, 1 S-Video, 1 HDMI	
	Video Signal		NTSC or PAL		
	O.S.		Embedded Linux		
	Pentaplex		Live Display, Recording, Playback, Backup, & Remote access		
	Control Device		Front panel, Mouse, IR Remote control		
	Compression		H.264 H/W Compression (soft-logic codec + Intel CPU)		
Video	Video Resolution		1920x1080p		
	Recording (NTSC/PAL)	CIF	120 / 100	240 / 200	480 / 400
		HD1	120/100	240 / 200	240 / 200
		<b>D1</b>	<b>120 / 100</b>	<b>120 / 100</b>	<b>120 / 100</b>
Audio	Video Display split		1 / 4	1 / 4 / 9	1 / 4 / 9 / 16
	Audio Input		4CH	8CH	16CH
	Audio Output		1 CH, RCA		
Motion & Alarm	Motion Detection		Motion Detection with Notification		
	Alarm Input		4CH	8CH	16CH
	Relay Output		4 OUT	4 OUT	4 OUT
Storage	HDD		<b>Up to 4 S-ATA HDD disks</b>		
	USB CD R/W Rom		USB DVD R/W Rom Support		
Record, PlayBack& Back up	Recording mode		Manual, Continuous, Video Detection(Motion, video loss), Sensor		
	Function		Watermark, Pre-recording		
	Search mode		Time/Date, Event(Sensor, Alarm, Video loss)		
	Playback		Quick Search, Live Search, Calendar Search, Time Search		
	Back up		USB memory stick / USB external HDD		
Network & CMS	Network Function		TCP/IP, DHCP, DDNS, PPPOE, E-mail		
	Remote Feature		Net/Web Client, Live Streaming, Remote Playback, E-MAP,		
	NDMS (Optional)		Multi view(max.128CH), Multi access (max. 256DVR), E-map, Dual-monitor		
Auxiliary Interface	Communication Port		RS232, Ethernet, 2 USB (Front: 2)		
Weights & Measures	Dimension		272(W) x 334(D) x 90(H)mm		
	Weight		3.5KG (without HDD)		
Power	Source		DC12V, 5A		
	Consumption		48W Max.		

# SM VIEWER

64ch CMS

for *IRIS Series*



SM Viewer is the maximized PC remote management software for IRIS Series which has been developed by Sunmyung. The user can connect concurrently to the DVR in other places to monitor, record and setup to control the DVR. Also, it is a maximized central management system which supports the Pop-up window & E-map.

## < Features of SM Viewer >

- ▶ Remote recording & backup
- ▶ Monitor the channels up to 64
- ▶ Supports the Pop-up Windows
- ▶ Max up to 256 DVR Access
- ▶ Supports the Multi monitor
- ▶ Powerful network streaming
- ▶ Supports the E-map
- ▶ Supports Capture
- ▶ Supports PTZ control