Lotus — Your Security Provider

model:
LHVR811J
LHVR1611J
LHVR1611K (IVS)

5 in 1 Hybrid DVR
AHD+CVI+TVI+CVBS+IP

H.265 / 4K / Full HD / IVS

Lotus *LHVR1611K* is dedicated intelligent video surveillance recording system. Its hybrid capability provides great flexibility to support both analog and IP cameras with *NVMS* intelligent surveillance software, *and* mobile Apps *SuperLivePlus*. This newest *LHVR1611K* digital video recorder can work seamlessly with Lotus IVS IP cameras to product virtual fence, helping object abandoned and missing detections, exception detection and intrusion detection. It helps by capturing movement instead of having an overall motion detect. They save buyers from the added costs of installing expensive equipment or the cost of having surveillance watched by 24/7 security guards. An alarm event and alert notification via email are vital and will confidently notify what happen to camera site is safe from intruders. It is ideal for application in airports, public transport stations, shopping malls to help monitoring object detection. Furthermore no burglar can get away with moving a camera or blocking its view, because the scene change feature is on alert. Overall, it improves security, simplify monitoring, and help prevent criminal activity.

- **IVS DVR**

LHVR1611K has video codec algorithms embedded to see and process visual information similarly to humans. The Intelligent Video will automatic confirm a alarm after analysing from the target first appears until the target is confirmed. Users can manually or automatic activate predefined subsequent actions to alarms such as activate record, SD record, snapshot, notifications by email, FTP, and alarm sounds according to predefined protocols. The whole video surveillance system can now record with amazing details and contain the Intelligent Video Surveillance System.

- **Virtual Fence**

This feature is to draw rules and draw warning line in the image according to the actual needs so that it triggers alarm when the target is crossing the warning line according to the set movement direction such as point A to point B, point B to A and bidirectional.

- **Object Abandoned and Missing Detection**

The relevant alarms will be triggered if there are items left in the pre-defined alarm area. The relevant alarms will be triggered if there are items missing in the pre-defined alarm area. The alarm area should be a closed area in the image where "suspicious" object could be a potential threat to security.

- **Exception Detection**

Scene change detection is capable of giving relevant alarms triggering if the scene of the monitor video has changed.

- **Intrusion Detection**

Intrusion Detection is when there is any object entering or leaving the region that has been drawn an irregular shape. It will trigger alarms when crossing the region perimeter; support enter, leave and enter and leave three direction selections. It can activate record, snapshot and alarm according to the judgment result.

- **H.265 High Profile video compression standard**

HEVC has revolutionized how video data is displayed, either remotely or on local site monitor in the surveillance industry. Our LHVR J and LHVR K series perform up to the new standard. They have bit reduction inversely proportional to the video image quality, where HEVC/H.265 presented a bit reduction of 52% at 480p and 64% at 4K UHD when compared to H.264 in older models. As such, LHVR1611J and LHVR1611K deliver a significantly better visual quality, when compressed to the same file size or bitrate of older model LHVR1611.

- **'4K' UHD (3840 x 2160) Experience**

LHVR1611J and LHVR811J display up to '4K' UHD (3840 x 2160). This resolution provides 4 times as many pixels as 'Full HD' (1920 x 1080 or 1080p) offers. Such a large increased number of pixels can provide an impressive pixel density. When using larger dsiplay monitor, it will not adversely affect the clarity and resolution of full screen videos or images. Picture elements scale very cleanly, increasing in size but remaining sharp and pleasing on the eyes of users.

- **Mobile Apps**

SuperLivePlus is the mobile Apps to be installed on the mobile phone for remote surveillance. LHVR1611K can feed VCA footage for live viewing live and playback. It can send instant event notifications to users iPhone or Android mobile phone if LCIP series IVS IP cameras are connected to it.

Other CCTV DVR choices for ordering:

LDVR-A400H
4CH AHD/CVBS (720p) or
LDVR-A480 4CH AHD/TVI/CVBS/IP (1080p)

LDVR-A880
8CH AHD/CVBS/IP DVR
(1080p)

LHVR1618
16CH DVR AHD/TVI/CVBS/IP
(1080p) (4 HDD max)

Surveillance Hybrid DVR H.265 5M/4M
4K/1080P/720P/960H 4 / 8 / 16CH
LHVR311J / LHVR811J / LHVR1611J

Remote Control

Key features

- AHD/TVI/CVI/CVBS/IP record.
- Support IP Cam record.
- H.265+ high profile compression algorithm, low bit rate, high picture quality.
- Record file lock protection
- 2 way audio
- Pre and Post event record
- Support network function
  - Multi connection type: STATIC (Fixed IP), DHCP, PPPOE
  - Support DDNS / NAT (P2P network penetration)
  - Support event trigger to send E-mail
  - Remote connection limitation
  - Auto bandwidth adjustment by network status
- Dual stream - individual network video streaming and DVR record streaming.
- Phone remote view (iPhone / iPad / Android).
- HDD data retention days / Daylight saving time / NTP.
- Search & playback by time sliced image
- Device ID setup for control keyboard.
- Smart channel settings: Live / playback screen digital zoom, playback camera title and date / time position movable.
- Operation log list / Network online users list check.
- Intensive security function by chosen authority/
- Drag and drop display channel easily.
- Convenient backup by AVI file.
- DVR control: mouse,control keyboard, network.
- Safari browser operation on MAC.
- USB or remote firmware upgrade supported.
- scan QR Code through mobile phone or PAD to log in the mobile client instantly.
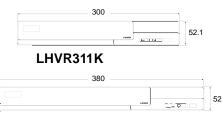
Front Panel view

Rear Panel view

LHVR311J

LHVR811J

LHVR1611J

Dimension   Unit : mm

300 — 52.1

LHVR311K

380 — 52.1

LHVR811K / LHVR1611K

distributed by:

Specifications

Model			LHVR311j	LHVR811j	LHVR1611j
Video Input	AHD/TVI/CVI/CVBS		4CH	8CH	16CH
	IP		6CH (4ch adj + 2ch fixed)	12CH (8ch adj + 4ch fixed)	16CH (8ch adj + 8ch fixed)
	Analog HD + IP		6CH (4CH + 2CH)	12CH (8CH + 4CH)	24CH (16CH + 8CH)
Video Output	VGA		1 (1920 x 1080/1280 x 1024))		
	HDMI		1920x1080/1280x1024/1024x768	3840x2160(4K) /1920x1080/1280x1024/1024x768	
	CVBS		1 (Simultaneously or SPOT)		
Simultaneously Local & Remote Playback			4CH	8CH	16CH
Display Channel			1 / 4	1 / 4 / 9	1 / 4 / 9 / 16
Sequence Display			Available		
Total Recording Resolution (HD Analog)	4K		28	56	112
	5MP		40	80	160
	5MPL		80	160	320
	4MP		60	120	240
	4MPL		120	240	480
	1080P		120	240	480
	720P/1080Lite/960H		120	240	480
Recording Resolution (IP)	3MP		25 /ch		
	1080P(and below)		30 /ch		
	Access Load		8 (1CH)	32 (4CH)	32 (4CH)
Record Quality			Highest / Higher / Medium / Lower / Lowest		
Compression Method			H.265 High Profile (H.265+)		
Recording Mode			Auto / manual / schedule / motion / alarm		
Multi-task			Live / Record / Play / Network / Backup		
Motion Detect			22 x18 grids camera for all channel		
Backup			USB 2.0 / Network remote backup	USB 3.0/ USB 2.0 / Network remote backup	
Storage support			SATA x1 (10TB) + eSATA x1	SATA x 2 (each 10TB) + eSATA x1	
Audio Input			RCA x 4	RCA x 8	
Audio Output			RCA x 1	RCA x 1	
Alarm Input			4	8	16
Alarm Output			1	2	4
HDD Record Mode			Full stop / overwrite		
PTZ Control			PELCO-P, PELCO-D, CoC(UTP)		
Mobile Surveillance			iPhone / iPad / Android		
Ethernet			10/100 M Base-T		
Network-Function			Support licensed CMS(100CH) / EMAP/ IE		
Network Connection			TCP/IP, PPPoE, DHCP, DDNS(Auto DDNS)		
Client Application			Display / Playback / Backup / DVR control / PTZ Control		
Power Source			DC12V 5A		
Operating Temperature			5°C ~ 40°C		
Operating Humidity			Less than 90%		
Dimension			300(W) x 52.1(H) x 248.4(D) mm	380(W) x 52.1(H) x 268.4(D) mm	

CE FC Specifications subject to change without notice