



SECURITY CAMERA SYSTEM



LH03162TC8



LH03162TC10PM



WATCH OVER YOUR WORLD FROM ANYWHERE IN THE WORLD

Experience super resolution recording that offers clear, true-to-life images. Free apps with simple 3-step setup make it easier than ever to view your world anywhere you go.

16 Channel 2TB_{HDD} 960_H 600_{TVL} Resolution

DVR FEATURES:

- Tablet / smartphone viewing and playback ¹
- Lorex Stratus Connectivity - 3 step setup
- Superior 960H Resolution - 34% more detailed and true-to-life images ²
- HDMI cable included for simple connection to HDTVs ³
- 24/7 security-grade hard drive
- Instant email alerts with snap shot attachment
- Continuous, scheduled and motion recording
- Advanced mobile apps with live viewing, playback, video recording, and snap shot
- PC and Mac compatible
- H.264 video compression ⁴
- 3 video outputs (HDMI, VGA and BNC) to connect multiple monitors
- Pentaplex operation - view, record, playback, back up & remotely control the system simultaneously
- PTZ cameras supported (RS485) remotely control through App
- Accurate time stamps with NTP & Daylight Savings Time
- Automatic firmware upgrade over the Internet ensures your system is secure and up to date ⁵



**CVC7562PK4B FEATURES:**

- Super resolution
- Night vision up to 90ft / 66ft (27m / 20m) away⁷
- Anti-glare feature ensures clear images under strong lighting conditions
- Accurate colors with Lorex's automatic light filtering technology
- 3.6mm captures a diagonal 64° field of view
- Vandal resistant design with cable pass through bracket
- Weatherproof housing for indoor & outdoor installation (IP66)⁸
- Versatile mounting options: ceiling, counter or wall mountable

**LDC6011PK2B FEATURES:**

- Super resolution with enhanced optics delivering crystal clear video at 600TV lines of resolution
- BrightNight viewing for clearer and brighter night time video
- Close-up recognition at night with auto-light compensation prevents wash-out effect
- Anti-glare feature ensures clear images under strong lighting conditions
- Accurate colors with Lorex's automatic light filtering technology
- Night vision up to 50ft (15m) away in total darkness ⁷
- See the bigger picture with 3.6mm wide angle view lens (78° FOV) ⁸

SYSTEM

Operating System	Linux (embedded)
Pentaplex	Simultaneous View, Record, Playback, Backup & Remote Monitoring
Number of Channels	4/8/16 ch
Inputs/Outputs	
Video IN	4/8/16 x 1Vpp, CVBS, 75ohms, BNC
Video OUT	1 x BNC
VGA OUT	Yes
HDMI	Yes
Audio IN	4&8 ch: 2 Line in(RCA), G.711, 16 ch: 4 Line in(RCA), G.711
Audio OUT	1 line OUT (RCA), G.711
USB Port	1 at the back, 1 at the front
Alarm IN	4ch / 8ch: Without Alarm, 16ch: 8ch In
Alarm OUT	16ch: 1ch Out
Video Output Resolution	800x600, 1024x768, 1280x1024, 1440x900, HDMI (1920x1080)
PTZ control	RS-485 Pelco D & P Protocol

Display

Live Display	4ch: 1, 4 8 ch: 1, 4, 8 16 ch: 1, 4, 9, 16
Live Display Speed	4 ch: 120 NTSC, 100 PAL 8 ch: 240 NTSC, 200 PAL 16 ch: 480 NTSC, 400 PAL
OSD	ON/OFF
System Navigation	USB Mouse, IR Remote Controller
Motion Area Setting	Adjustable grid (30x44) NTSC Adjustable grid (36x44) PAL
Sensitivity levels	8
Firmware Upgrade	Automatic over the Internet & via USB device and Network
User Authority	By user group
Time Synchronization	Auto time sync by NTP server

RECORDING

Video Compression	H.264
Audio Compression	G.711
Recording Resolution Setting	Per camera for different resolutions
Recording Quality Control	3 levels
Recording Schedule	4ch & 8ch: By hour, by day, by recording mode, by motion, by ch 16ch: By hour, by day, by recording mode, by motion, by alarm, by ch
Pre Recording	Max. 10 Secs
Post Recording	Max. 5 Minutes
Reliability	Watch-Dog, Auto-recovery after power failure
Covert Video	Yes

PLAYBACK

Playback Channel	4 ch: 1~4 Adjustable, 8 ch: 1~8 Adjustable, 16 ch: 1~16 Adjustable
Playback Speed	Variable Max 16x
Playback Players	Backup Player
Search	By time & event
Log Search	Up to 100,000 lines for system, configuration changes, motion/alarm detected, account, record and storage
Audio Play	Yes

STORAGE & ARCHIVE

Storage	Up to 1 HDD's (SATA)
Maximum Capacity	up to 4TB
Backup Media	USB Flash Drive & HDD
Backup File Format	H.264 file (AVI generator included)

CONNECTIVITY

Cloud Connection	Lorex Stratus Connectivity
Supported Operating Systems	Windows™ Mac OS
Remote Software	Client Software (PC) & Safari (Mac)
Email notification	Text with snapshot
Instant Smart Phone & Tablet Support †	iPad®, iPhone®, Android™
DDNS	Free Lorex DDNS
System Configuration	Full setup configuration over network
Ports	Programmable by User
Network Protocol	TCP/IP / DHCP / UDP / DDNS / PPPoE
Network Interface	10/100Base-TX, RJ-45
Network Speed Control	48Kb ~ 8MB/sec.

GENERAL

Power Consumption	Approx. 10 watts (no HDD included)
Supply Voltage	100VAC-240VAC, 12VDC, 2A, 50/60Hz
Unit Dimensions (W x D x H)	11.8"/300mm x 8.6"/220mm x 1.9"/50mm
Unit Weight (KGs)	1 kg/2.2 lbs
Operating temperature	32° ~ 104° F / 0° ~ 40° C
Humidity	10 ~ 90% NC

RECORDING RESOLUTION (PIXELS) & SPEED (FPS - FRAMES PER SECOND)

	FPS	960H Mode			D1 Mode		
		960H	½ 960H	¼ 960H	D1	½ D1	¼ D1 (CIF)
		960 x 480	960 x 240	480 x 240	720 x 480	720 x 240	360 x 240
4ch	Total	120	120	120	120	120	120
	Per channel	30	30	30	30	30	30
8ch	Total	88	88	240	240	240	240
	Per channel	11	11	30	30	30	30
16ch	Total	160	160	480	224	224	480
	Per channel	10	10	30	14	14	30

LDC6011PK2B

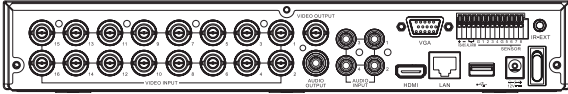
Image Sensor	1/3" Color Image Sensor
Video Format	NTSC
Effective Pixels	H: 720 V: 480
Resolution	600 TV Lines
Scan System	2:1 Interlace
Sync System	Internal
S / N Ratio	48dB (AGC Off)
Iris	AES
AES Shutter Speed	1/60 ~ 1/25,000 sec.
Min. Illumination	0.1 Lux without IR LED 0 Lux with IR LED
Video Output	Composite 1.0Vpp @ 75ohm
Lens / Lens Type	3.6mm F2.0 / Fixed
FOV (Diagonal)	78°
Termination	BNC Type
IR LED Qty. / Type	10 pieces / 850nm
Night Vision Range	50ft / 15m
Power Requirement	12V DC ±10%
Power Consumption	Max. 240mA (w / IR)
Operating Temp. Range	14° ~ 122°F / -10° ~ 50°C
Operating Humidity Range	< 90% RH
Environmental Rating	Indoor use only
Weight	0.4lbs / 0.2kg

CVC7562PK4B

Image Sensor:	1/4" Color Image Sensor
Video Format:	NTSC
Effective Pixels:	H: 768 V: 492
Resolution:	600 TV Lines
Scan System:	2:1 Interlace
Sync System:	Internal
S/N Ratio:	48dB (AGC Off)
Iris:	AES
AES Shutter Speed:	1/60 ~ 1/100,000 Sec.
Min. Illumination:	0.5 Lux without IR LED 0 Lux with IR LED
Video Output:	Composite 1.0Vpp @75 ohm
Lens / Lens Type:	3.6mm F2.0 / Fixed
FOV (Diagonal):	64°
Termination:	BNC Type
IR LED Qty / Type:	30 pieces / 850nm
Night Vision Range:	90ft (27m)/66ft (20m)
Power Requirement:	12V DC ±10%
Power Consumption:	Max. 280mA (w/IR)
Operating Temp. Range:	14° ~ 122°F / -10° ~ 50°C
Operating Humidity Range:	< 95% RH
Environmental Rating:	IP66
Weight (including stand):	0.6lbs / 0.3kg

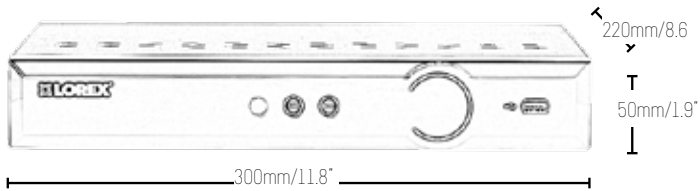
DVR Inputs & Outputs

16 Channel DVR

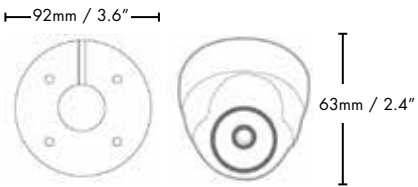


Dimensions:

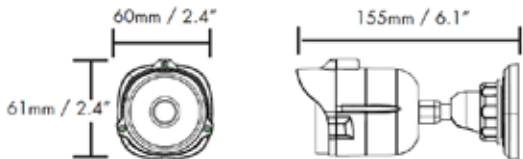
16 Channel DVRs



LDC6011PK2B



CVC7562PK4B



Product Information:

MODEL	CONFIGURATION	PACKAGE	W x D x H Inches & mm	WEIGHT	CUBE	UPC Code
LH03162TC8	16ch ECO Blackbox3 DVR with 2TB HDD & 8 x 600TVL Cameras (CVC7572PK4B)	Retail Box	439mm x 279mm x 281mm 17.3" x 11.0" x 11.1"	9.8 kg/21.65 lbs	0.03cbm /1.22cft	6-95529-00128-9
LH03162TC10PM	16 ch ECO Blackbox3 DVR with 2TB HDD & 8 x 600TVL Cameras (CVC7572PK4B) & 2 600TVL Dome Cameras (LDC6011PK2B)	Retail Box	439mm x 368mm x 284mm 17.3" x 14.5" x 11.2"	10.2 kg/22.7 lbs	0.04cbm /1.62cft	6-95529-00097-8
DVR INCLUDES	16 Channel DVR with Pre-Installed HDD, HDMI Cable, Remote Control, Power adapter, Mouse, Ethernet Cable, Quick Start Guides.					
CAMERA INCLUDES	8 or 10 x Cameras, 8 or 10 x Mounting kit with Allen key, 8 or 10 x 60ft BNC / power extension cables, 2 or 4 x 4-in-1 Power adapters.					

Disclaimers:

- Requires a high speed internet connection and a router (not included). An upload speed of 1Mbps is recommended for the best video performance. Up to 3 devices may connect to the system at the same time. For the latest list of supported apps and devices, check www.lorextechnology.com/support.
- Optimized when used with 960H compatible cameras. DVR is backwards compatible and supports different camera inputs: standard resolution and 960H.
- High definition recording not supported, recording resolution is limited to a maximum of 960x480 per channel. Image quality and resolution is dependent on the type of camera connected to the DVR.
- Recording time may vary based on recording resolution & quality, lighting conditions and movement in the scene.
- Both firmware and software must be updated to latest version to ensure remote connectivity. Always update to the latest software (available at www.lorextechnology.com) after upgrading the DVR firmware.
- When connected to a 960H capable DVR
- Stated IR illumination range is based on ideal conditions in typical outdoor night time ambient lighting and in total darkness. Actual range and image clarity depends on installation location, viewing area and light reflection / absorption level of object.
- Not intended for submersion in water. Installation in a sheltered location recommended.

* If light level is too low, camera will switch over to B/W for increased light sensitivity.

** BlackBox is used solely as a marketing term and does not imply that the product can survive fire or extreme conditions. Use product in accordance with the instructions provided.

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