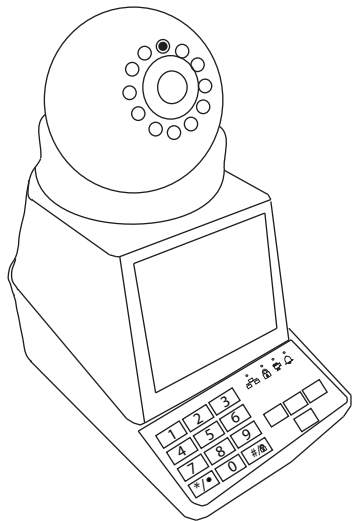Congratulations on your purchase of this product. **EN**
IT

VCALL
LUXCAM
USER MANUAL

Read this manual carefully and keep it in a safe place for future reference.
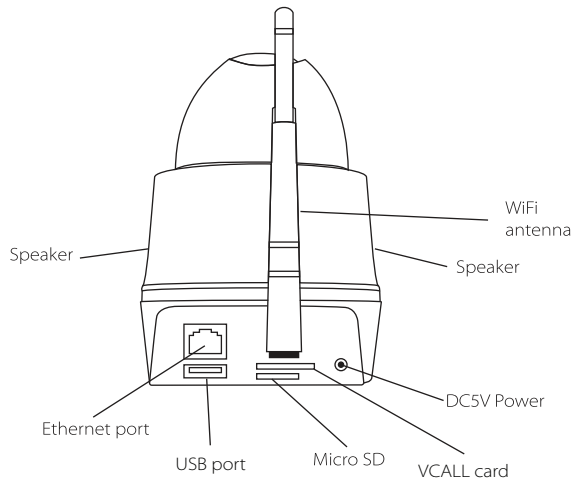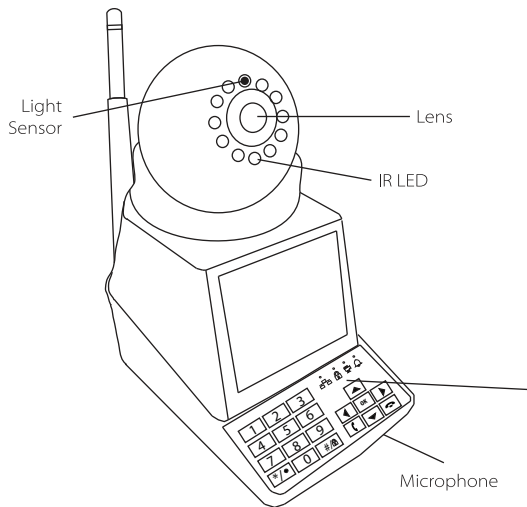
TABLE OF CONTENTS

DEVICE LAYOUT

Light Sensor

Lens

IR LED

Microphone

WiFi antenna

Speaker

Speaker

Ethernet port

USB port

Micro SD

VCALL card

DC5V Power

Network Protection Recording Alarm

PACKAGE CONTENTS

Unpack carefully. Electronic components can be damaged if improperly handled or dropped.

The package should contain the following items. If anything is missing or appears damaged, contact your dealer immediately.

1.1.   Packing list

· Vcall camera
· Ethernet cable
· Power adapter (5V)
· Quick install guide
· Wireless antenna

Note: Please use only the power adapter supplied with the Luxcam otherwise the product may be damaged.

SYSTEM REQUIREMENTS

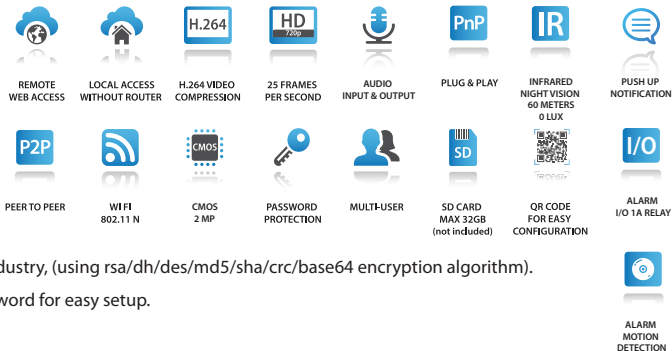Smartphone/Tablet:

· IOS 5.0 and later;
· Android 2.1 and later.

Browser support:

-Internet Explorer 7 and later;
-Firefox 3.5 and later;
-Safari 4 and Chrome 8.0 and later.

10/100 mbps ethernet or WiFi network connected to internet (for remote internet access)

PRODUCT FEATURES

- Built-in ir led, 60 meters.

- Auto day/night. Ir cut filter.

- Built-in WiFi module for local wireless access.

- Max. support 32 gb microsd card storage.

- Motion detection.

- Push notifications.

- Same encryption protection used by financial industry, (using rsa/dh/des/md5/sha/crc/base64 encryption algorithm).

- Qr code, each machine has a unique id and password for easy setup.

- Multi-user access.

- 2way voice intercom, telecommunication level of signal processing (echo cancellation,noise suppression, voice balance).

- Intelligent transmission technology (adaptive bandwidth, dynamic code rate adjustment, voice priority, jitter buffer).

- P2p technology / plug and play / scan to go. No configuration needed (port mapping, dns, ip address settings).

- Realtime video monitoring / framerate. (25 f/s - 720p).

- Display resolution – HD real-time 1280 x 720 px , normal 640 x 360 , half 320 x 180, small 160 x 90.

- H. 264 video stream, suitable for local and cross-platform internet access.

- Alarm input/output port (normally open relay (max 24v-1ah).

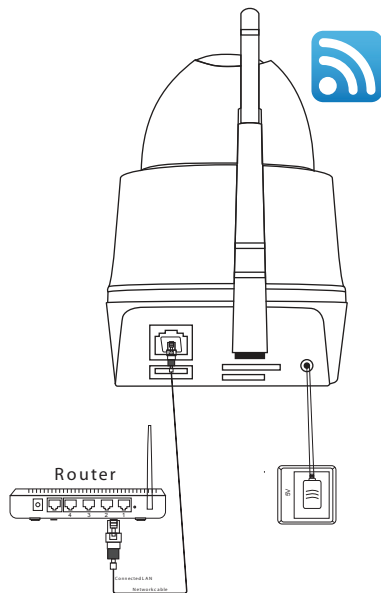|						
REMOTE WEB ACCESS	LOCAL ACCESS WITHOUT ROUTER	H.264 VIDEO COMPRESSION	25 FRAMES PER SECOND	AUDIO INPUT & OUTPUT	PLUG & PLAY	INFRARED NIGHT VISION 60 METERS 0 LUX	PUSH UP NOTIFICATION
PEER TO PEER	WIFI 802.11 N	CMOS 2 MP	PASSWORD PROTECTION	MULTI-USER	SD CARD MAX 32GB (not included)	QR CODE FOR EASY CONFIGURATION	ALARM I/O 1A RELAY
							ALARM MOTION DETECTION

BRACKET INSTALLATION

CONTENTS INCLUDED:

- Main bracket body
- Adjustable swivel head
- Screws

A) Choose the suitable spot (wall or ceiling).
B) Attach the bracket to the wall or ceiling and secure appropriately using the screws provided.

HARDWARE INSTALLATION

Button name	Mark	Function
Number	0-9	Input number keyboard
*/.button	*/•	- Short press to decrease the volume during video call or monitor state. - Short press to delete text during edit state. - Long press to record/stop during manual record mode.
Ctrl shift Defense	#/🔒	- Short press to increase the volume during video call or monitor state. - Short press to switch input method during edit state. - Long press to cancel operation.
Dial/preview	📞	- Short press to dial video call during standby state. - Long press to enter real time preview.
Hang up/Exit	📞	- Hang up during video call. - Go back / exit current state.
Direction button	▲ ▼	- Up and down menu navigation. - Add or decrease numbers during edit state. - Play last or next video in playback state.
	◄ ►	- Left and right menu navigation. - Play slow/fast video in playback state
Main menu/confirm key	OK	-Enter main menu / confirmation.

SOFTWARE

To access Vcall in monitor state use your smartphone or tablet to download the LUXCAM app.
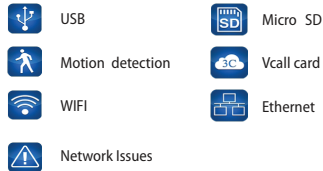

LUXCAM VCALL APP

USER INTERFACE

2012-10-28

10:00

Press [OK] button the system main menu is shown as below.

You can operate and set each function in this menu.

USB		Micro SD
Motion detection		Vcall card
WIFI		Ethernet
Network Issues		

General	Set the basic parameters of the system
System	Update and maintain system and show related information about the system.
Play	Search and play video files.
Network	Set the basic parameters of the network.
Alarm	Set the basic parameters of the alarm.
Record	Set different record modes.

TECHNICAL SPECIFICATIONS

System	Main Processor	ARM9 Embedded Microprocessor	Interface	Ethernet Interface	RJ-45	
	Operating system	Embedded Linux OS		USB	1x USB 2.0	
Image	Image Sensor	CMOS Sensor, 0.3 Megapixel.		TF	1xTF	
Sensor	Lens	3.6mm (IR lens)		Wifi	802.11 b/g/n, Support WEP,WPA,WPA2	
	Lens Vieing Angle	90°		Power	DC 5V/1A	
	Min. Illumination	0.3LUX/F1.2	Others	Working Temperature	0~55°C	
	Night vision	10 pcs IR LEDs, Night visibility up to 10meters		Working Humidity	10%-90% RH	
Video	Video Compression	H.264		Power Consumption	2W	
	Signal System	PAL/NTSC		Size	Item Size:135mmx135mmx220mm (LxWxH)	
	Frame Rate	PAL: 25 fps, NTSC: 30 fps			Package size:250mmx170mmx140mm (LxWxH)	
	Video Resolution	VGA(640*480)		Weight	Net weight: 600 g, gross weight: 850 g	
	Video output	3.5 inch high definition display		Certification	CE, FCC, RoHS	
Audio	Compression	G.711A				
	Audio Input	Built-in microphone				
	Audio Output	Built-in speakers				
Recording	Recording Mode	Manual/Timer/Motion/Schedule				
Manager	Local Storage	Support USB Disk(Up to 32G), Micro SD card.(UP to 32G)				
Pan/Tilt	Rotation Angle	Pan:355°, Tilt: 90°				

LUXCAM

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