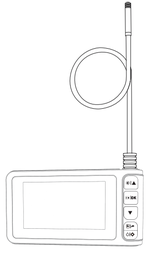
折页
印刷1000份
尺寸：5.5cm*11.5cm

LCD手持式数字内窥镜



用户手册

CN

inskam129

安全警告:

警告！ 阅读并理解所有说明，不遵守下列所有说明可能会导致触电，火灾或严重的人身伤害

欢迎:

欢迎购买此产品，使用前请仔细阅读说明书，本产品是具有实时控视观看，录像和图像捕捉等功能的实用类设备，适用于扶早区域和无法观察的区域。如：汽车维修，下水道检查 / 维护等

特征:

1. 4.3 英寸全彩液晶屏，可实时查看测试视频
2. 分辨率高达 1080P，用于图像捕捉，视频录制
3. 可以安装 TF 卡来实现文件存储功能
4. 5.5/8mm 两种规格直径高灵敏度防水镜头，具有清晰的画质，适用于不同的工作环境
5. 特殊技术，焦距为 4 厘米 – 500 厘米
6. 辅助光源，6 个可调节 LED 灯，便于在黑暗环境中使用
7. IP67 防水

应用:

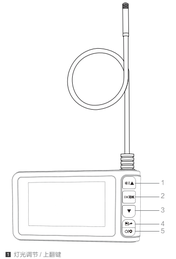
1. **管状 / 水管清洁**：检查管道后，它有助于清洁，生锈，腐蚀，灰尘和裂缝
2. **造船业**：用于检查锅炉，汽轮机，柴油机，管道
3. **工业机械**：用于检查发动机疤痕或磨损，变速箱，液压系统，大大减少停机时间
4. **电子，电子行业**：用于确认产品的接线状态，检查机器的工作状态等

配件清单:

1. LCD数字内窥镜
2. 用户手册
3. USB 数据线
4. 配件 – 挂钩，磁铁，侧镜，保护帽

功能介绍:

(1) 部件名称和功能



1. 灯光调节 / 上翻键
2. 拍录 /OK 键
3. 下翻键
4. 返回 / 文件查看键
5. 电源 / 设置键

(2) 部件说明

1. **上翻 / 灯光调节键**：

-- 拍照预览模式，上翻键可调节灯光，摄像头亮度分为三级调节

-- 其他模式，向上或向左移动

2. **拍照、录像 / 确认键**：

-- 拍照预览模式，短按拍照，长按录像，然后按一下停止录像

-- 确认键：短按确认

3. **下翻键**：向下或向右移动
4. **返回 / 文件浏览键**：

-- 拍照预览模式，短按进入文件浏览页面

-- 其他模式，短按可返回上一级菜单

5. **电源 / 设置键**：

-- 短按进入菜单页面，您可以在其中设置分辨率 / 语言设置 / 日期，时间 / 日期标签 / 亮度 / 屏幕保护 / 自动关机 / 格式化 / 默认设置 / 版本

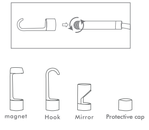
-- 长按 3 秒钟开关机

6. **复位孔**：在使用过程中出现异常死机，花屏等现象，需要将细针插入复位孔来恢复正常
7. **DC 5V 输入**：电源充电接口

8. **充电指示灯**：充电时亮红灯，充满亮蓝灯
9. **Micro TF 卡槽**：最高支持 64GB MicroTF 卡，仅支持 10 级或更高级别 FAT32 格式的 TF 卡（常规出货未配 TF 卡）
10. **镜头**：5.5/8mm 两种规格直径高灵敏度防水镜头，具有清晰的画质，适用于不同的工作环境
11. **硬线**：3m/5m/10m 三种规格硬线，满足不同人的需求
12. **4.3 寸显示屏**：4.3 英寸全彩液晶屏，可实时查看测试视频

配件安装:

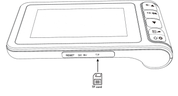
配件安装如下图所示：



使用步骤:

(1) 基本操作

1. 将 MicroTF 卡（常规胶末配备）正确插入 MicroTF 卡插槽，轻轻按压直到 TF 卡被锁定（注意：必须插入 Class10 或以上的 MicroTF 卡才能记录和存储图片和视频）



2. 长按 3s **电源 / 设置键**，打开设备，然后按**上翻 / 灯光调节键**调节镜头灯的亮度
3. 短按**拍照、录像 / 确认键**拍照，长按录像，再按一次停止录像
4. 短按**返回 / 文件浏览键**进入文件浏览页面，查看或删除所拍照和录制的文件

充电:

当电量偏低或者低电量自动关机时，需要使用电源适配器为设备进行充电，适配器需使用规定的 5V/1A

电池充电状态下，设备的充电指示灯将呈红色，电池完成充电后，充电指示灯呈蓝色，整个充电过程约 2.5 小时，充满状态下可以使用 3 小时

技术参数:

型号	Inskam129
显示器	4.3英寸彩色液晶显示屏
分辨率	1920*1080P
水平视角	70 °
语言	简体中文，繁体中文，英语，德语，西班牙语，法语，意大利语，俄语，日语等
线长	3m, 5m, 10m 可选
焦距	4CM—500CM
防水等级	IP67 (仅适用于镜头/灯泡)
镜头直径	5.5/8mm
电池容量	1700毫安
续航时间	约3小时

故障排除:

问题	解决方法
设备无法开启	1. 检电池充满电后使用 2. 确认电源是否已成功连接
TF卡读取失败	1. 确认TF卡是否符合要求（最高支持格式为FAT32的64GB MicroTF卡，且传输速度必须是Class10以上） 2. 取下TF卡后重新插入
设备连接设备时PC后，无法读取TF卡	1. 重新连接设备和PC 2. 确认是否进入大容量存储模式
设备死机	1. 插入USB数据线充电，自动关机，然后按电源按钮进行重置
屏幕上有污迹或涂抹污迹	1. 用软布仔细清洁屏幕

FCC信息:

本设备符合 FCC 规则第 15 部分的规定。

受以下两个条件限制：

（1）该设备不会产生有害干扰

（2）此设备必须接受任何收到的干扰，包括可能导致意外操作的干扰。未经合规负责方明确批准的更改或修改可能会使用户无权操作该设备

欧盟环保:

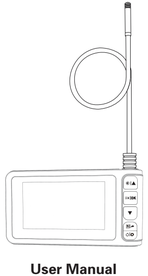
废电产品不应与生活垃圾一同处理

请咨询当地政府或零售商以获取回收建议

欧盟环保
废电产品不应与生活垃圾一同处理。
请咨询当地政府或零售商以获取回收建议

*用户手册中标注的数字有任何微小的变化，恕不另行通知

LCD Handheld Digital Endoscope



User Manual

EN

inskam129

SAFETY WARNING:

WARNING! Read and understand all instructions. Failure to follow all instructions listed below may result in electric shock, fire and/or serious personal injury

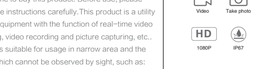
WELCOME:

Welcome to buy this product. Before use, please read the instructions carefully. This product is a utility class equipment with the function of real-time video viewing, video recording and picture capturing, etc., which is suitable for usage in narrow area and the area which cannot be observed by sight, such as: vehicle repair, sewer inspection/maintenance, etc

FEATURES:

1. 4.3-inch full color LCD screen for real-time viewing of test videos
2. Resolution up to 1080P for image capture, video recording
3. TF card can be installed to achieve file storage function
4. 5.5/8mm two sizes of high-sensitivity waterproof lens with clear image quality for different working environments

6. Special technology with a focal length of 4 cm – 500 cm
7. Auxiliary light source, 6 adjustable LED lights for easy use in dark environments
8. IP67 waterproof



APPLICATION:

1. **Tubular/Water Pipe Cleaning**: It helps to clean, rust, corrosion, dust and crack after the pipe is inspected
2. **Shipbuilding industry:** used to inspect boilers, steam turbines, diesel engines, pipelines
3. **Industrial machinery**: used to check for engine scars or wear, gearboxes, hydraulic systems, greatly reducing downtime
4. **Electronics, electronics industry**: used to confirm the wiring status of the product, check the working condition of the machine, etc

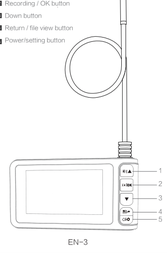
ACCESSORIES LIST:

1. LCD Digital endoscope
2. User Manual
3. USB data cable
4. Accessories – hooks, magnets, side mirrors, protective cap

FEATURES:

(1) Part name and function

1. Light adjustment / Up button
2. Recording / OK button
3. Down button
4. Return / file view button
5. Power/setting button



1. Up/light adjustment button
2. Photo, video/confirm button
3. Down button
4. Return / file browsing button
5. Power/setting button
6. Reset hole
7. DC 5V input
8. Charging indicator
9. Micro TF card slot
10. Lens
11. Hard line
12. 4.3 inch display

(2) Function introduction

1. **Up/light adjustment button:**

--Photo preview mode, up button to adjust the light, camera brightness is divided into three levels of adjustment

--Other modes, move up or left

2. **Photo, video/confirm button:**

--Photo preview mode, short press the photo, long press the video, then press to stop recording

--Confirm button: Short press to confirm

3. **Down button:** move down or right
4. **Return / file browse button:**

--Photo preview mode, short press to enter the file browsing page

--Other modes: short press to return to the previous menu

5. **Power / Settings button:**

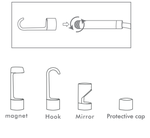
-- Short press to enter the menu page where you can set the resolution / language settings / date, time / date tab / brightness / screen saver / auto power off / format / default settings / version

--Long press for 3 seconds

6. **Reset hole:** abnormal crash, flower screen, etc. during use, need to insert a fine needle into the reset hole to restore normal
7. **DC 5V input:** power charging interface
8. **Charging indicator:** red when charging, full of bright blue lights
9. **Micro TF card slot:**: Supports up to 64GB MicroTF card, only supports FAT32 format TF card of level 10 or higher (normal shipment does not have TF card)
10. **Lens:** 5.5/8mm two sizes of high-sensitivity waterproof lens with clear image quality for different working environments
11. **Hard line**：3m/5m/10m three specifications hard line to meet the needs of different people
12. **4.3-inch display:** 4.3-inch full-color LCD screen for real-time viewing of test videos

ACCESSORIES INSTALLATION:

The accessories are installed as shown below:



STEPS FOR USAGE:

(1) Basic operation

1. Insert the MicroTF card (normally not equipped) into the MicroTF card slot and press gently until the TF card is locked. (Note: MicroTF cards of Class 10 or higher must be inserted to record and store pictures and videos)

2. Press and hold the 3s power/setting button to turn on the device, then press the up/light adjustment button to adjust the brightness of the lens light.
3. Short press the camera, video/confirm button to take a photo, long press the video, press again to stop recording
4. Short press the Back/File Browse button to enter the file browsing page to view or delete the captured and recorded files.

CHARGING:

1. When the power is low or the battery is automatically turned off, you need to use the power adapter to charge the device. The adapter needs to use the specified 5V/1A.

When the battery is charging, the charging indicator of the device will be red. After the battery is fully charged, the charging indicator will be blue. The whole charging process will be about 2.5 hours. In the full state, it can be used for 3 hours.

TECHNICAL PARAMETERS:

Model	Inskam129
Monitor	4.3–inch color LCD
Resolution	1920*1080P
Horizontal viewing angle	70 °
Language	Simplified Chinese, Traditional Chinese, English, German, Spanish, French, Italian, Russian, Japanese, etc.
Line length	3m, 5m, 10m optional
Focal length	4CM—500CM
Waterproof level	IP67 (only for lens/lamp)
Lens diameter	5.5/8mm
Battery capacity	1700mAh
Battery endurance	About 3 hours

TROUBLESHOOTING:

Problem	Solution
Device cannot be turned on	1.Does the battery have electricity? 2.Has the power been successfully connected?
TF card reading is unsuccessful	1.Is the memory card format correct? (this device only supports FAT32 file format) 2.Re-insert the TF card after removing it
After the device is connected to the PC, the TF card cannot be read.	1.Reconnect the device and PC 2.Confirm whether to enter the Mass Storage mode
Device crash	1.Plug in the USB data cable to charge, automatically shut down, then press the power button to reset
Smudged or smeared on the screen	1.Carefully clean the screen with a soft cloth

FCC INFORMATION:

This device complies with Part 15 of the FCC Rules.

Subject to the following two conditions：

（1）This device does not cause harmful interference

（2）This device must accept any interference received, including interference that may cause undesired operation. Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment

EU ENVIRONMENTAL PROTECTION:

Waste electrical products should not be disposed of with household waste

Please consult your local government or retailer for recycling advice

If the number contained in the user manual has any minor changes without prior notice

EU ENVIRONMENTAL PROTECTION
Waste electrical products should not be disposed of with household waste.
Please consult your local government or retailer for recycling advice

*There are any minor changes to the numbers included in the user manual without prior notice