











HoverCam®

Nillo 100

The First Wireless Full HD Camera Powered by the Full Intelligence of Android



Document Camera Redefined

-  13 MegaPixel AutoFocus Lens
-  Live Uncompressed 1080P@60FPS video
-  Wi-Fi and Bluetooth
-  Capture 4K still images
-  Record in 1080P full motion
-  Powered by Android 5.1 on Quad Core ARM9
-  HDMI and VGA output
-  Cloud Recording Enabled
-  Wireless Connection to iPad, iPhone, or other mobile devices
-  USB2.0 UVC enabled

HARDWARE SPECIFICATIONS

Sensor • 13.0 MegaPixel
Frame Rate • 4KASR @ 30FPS, 1080P@ 60FPS, 720P@ 60FPS, VGA @ 60FPS
Image Resolution • 4160x3120 (13 MP)
Scan Size • 13x21, A3, A4, 11x17 ", US Letter and Legal

Zoom • 64x Digital Zoom, 10x Mechanical Zoom
Optics • 1/3 2" Sensor
Lens • 5 Element f 2.0 High Precision Lens Assembly
Focus • Auto-Focus, Auto-Focus Lock, Select Region Focus, minimum 1.96" focal distance

Video Compression • YUV (USB 3.0/HDMI/VGA) or MJPEG (USB 2.0)
Microphone • Built-in with noise reduction
Noise Ratio • <35.7zdb
Color Depth • 24 Bit
Weight • 1.0kg (2.2 lbs.)
Dimensions Folded • 10.2" x 3" x 4.7" (26 cm x 7.5 cm x 12.0 cm)
Maximum Length • 19.56"/49.75 cm

Lighting • 4 built-in ultra-bright LED's
Power Requirements • DC Adapter 5.6 volt
Output Connector • HDMI, VGA, and USB 2.0
Power Requirements • 9V DC
System Requirements For PC Connection • CPU 1.6 GHz, minimum 2.0 GHz recommended, RAM 512 MB minimum, 1 GB recommended

Main Processor • 1.2 GHz Quad Core ARM 9, 64 Bit
Wireless Communication Interfaces • Bluetooth 4.1, WiFi 802.11 a/b/g/n
On Board Controls • Rotate, Freeze, Zoom In/Out, Fit to Screen, Record, Snapshot, Focus Lock, Focus
Height and Orientation Controls • 6-pivot design to adjust height and point in any direction. Document size Yaw pivot, lens assembly Roll and Pitch pivot, main assembly and base Pitch pivot, base Yaw pivot

Human Interface Controls • Plug-in Mouse Through USB, Bluetooth Mouse and Keyboard
SD Card • Version 3.0, Up to 32GB
External Flash Storage • USB Thumbdrive Plug-in
Video Loop Through • One HDMI-in with Slider Switch
Recording Format • MP4
Warranty • 2 years Standard, 5 Year Extendable
Certifications • FCC, CE, RoHS, 3C
Operating Temperature • (-)30F to 110F

