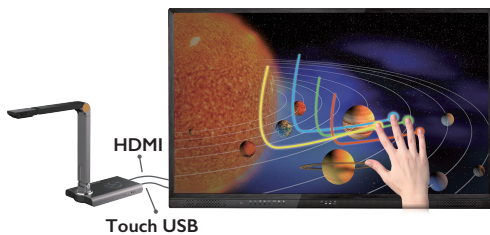# HoverCam®
Nillo100

World's 1st Android Wireless HD Document Camera

The HoverCam Nillo 100 is the world's first 13-Megapixel wireless document camera fully integrated with an Android computer. Designed to work with Chromebook, iPad, Android tablets and mobile devices, the Nillo 100 provides teachers the freedom and mobility to teach from anywhere in the classroom. With its easy to use graphical user interface, the Nillo 100 allows teachers to present lessons from textbooks, documents, 3D objects; then live-annotate over images, record hours and hours of lessons in full motion HD 1080p video, and save them to the cloud for remote sharing and much more.

The ONLY camera that can directly connect to an IFPD.

HDMI

Touch USB

Optimized for tablets and Chromebooks

chromebook

13 Megapixel AutoFocus with precision optics

Intuitive, easy to use graphical user interface

Wireless connectivity to Chromebook, iPad, Android tablet, PC and Mac

Computer-free operation thanks to built-in Android OS

Record hours of lessons in full HD 1080p video

Capture stunning 4K resolution still images

Live streaming and cloud recording for easy sharing

Built-in WIFI and Bluetooth connectivity

File Manager allows easy access to saved videos and images

Expandable storage up to 32GB with MicroSD card

HoverCam®
Embrace New

Nillo 100 PRODUCT SPECIFICATIONS

Camera	
Sensor size | Optics | Lens	13.0 MP, 1/3 2" Sensor, 5 element f2.0 High precision lens array
Image Resoution	4160 x 3120 (13MP)
Focus	Autofocus, Autofocus Lock, Select Region Focus, Minimum 5cm Focal Distance
Zoom	64x Digital Zoom, 10x Mechanical Zoom
Color Depth	24 bits
Scan size	13x21", A3, A4, 11x17", US Letter & US Legal
Frame rate	4K ASR@ 30fps, 1080P @ 60fps, 720p@60fps, 640x480@60fps
Recording format	MP4

Hardware	
Main processor	ARM9, QuadCore
Keypad controls	Rotate, Freeze, Zoom-in, Zoom-out, Fit to Screen, Record, Snapshot, Focus, Focus lock
Microphone	Built-in, with noise reduction
Illumination	4 built-in ultra-bright white LED's
Height and positioning	6-pivot design to precisely adjust height and angle: Yaw Pivot, Camera Roll & Pitch Pivot, Main Assembly/Base Pitch & Yaw Pivot
Operating temperature	-30F to 110F
Certifications	FCC, CE, RoHS, 3C

Connectivity	
HDMI	1x HDMI in (Loop through), 1x HDMI out
VGA	1x VGA out
USB 2.0	Mouse connectivity, USB thumb drive (not included)
Micro SD slot	SDHC 32GB, not included
Wireless connectivity	Bluetooth 4.1, WiFi 802.11 a/b/g/n
Power	DC, 9V

Software	
Operating system	Android 5.1
KnoteSter for Android	Image capture, recording, live image annotation and more, Pre-Installed app

Dimensions	
Dimensions, folded	10.2 x 3 x 4.7 inches (26 x 7.5 x 12cm)
Extended lenght	19.56 inches (49.75cm)
Weight	2.2 lbs (1.0 kg)

What's in the box	
What's in the box	Nillo 100 camera unit, Quick Start Guide, Document positioning mat, USB mouse, HDMI cable, Power adapter, Warranty registration card

Warranty	
Warranty	1-year Parts and Labor, 3 and 5-year warranty available