

Otoscope

2023



Otoscope

EOC 700



Feature: 2-in-1 camera, low cost & high reliability

EOC 700



Item	Specification
Image sensor	2 Mega pixels
LCD display	3.5" TFT LCD Panel
Camera lens	<ul style="list-style-type: none"> Intended use: Capturing image of ear, throat, & skin Function: Otoscope & general camera Focusing range: 10~100 mm Light source: High power LED and fiber optics
Focusing mechanism	Manual
Electrical interface	Mini USB
Image format	JPEG (Photograph) & H.264 (Video)
Battery	Lithium type, rechargeable, 3.6V / 3350mAh
External power	100~240 VAC, 50/60 Hz
Power adaptor	<ul style="list-style-type: none"> Input Spec.: 100-240Vac, 0.6-0.3A, 50-60Hz; Output Spec.: 5V DC, 1.2A
Memory	Micro SD card, 32GB
Dimension	205mm x 90mm x 69mm (TBD)
Weight	300 Grams (TBD)
Standard accessory	<ul style="list-style-type: none"> Specula: Adult (4mm) x8 and child (2.75mm) x8 USB cable x1 Power adaptor x1 Battery x1
Charging station (Optional accessory)	<ul style="list-style-type: none"> Based on DSC300 with centered mini USB interface. Pogo pins to Horus Scope Mini USB to power adaptor Dimension: 56mm x 166mm x 106mm Weight: 370 Grams (Typical)

Note: This preliminary specification will be able to be discussed and revised for JEDMED's requirement and trade-off by the cost.

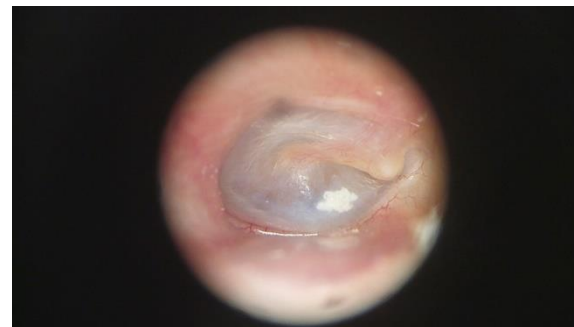
EOC 700 Otoscope

Tympanic Membrane and Throat Inspection

Images showing on the panel



Saved Images



Otoscope

DSC100 +DOC100S



Digital Otoscope DOC 100



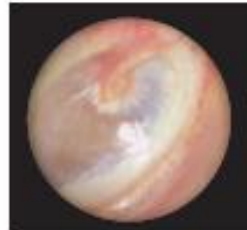
Total solution for ENT

DSC100 with 3 different lenses



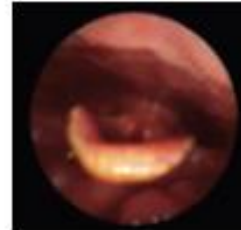
DOC100S

Otoscope



Endo adapter

Digital Endoscope



DGC100

General scope



Otoscope

DSC300P + DOC300S

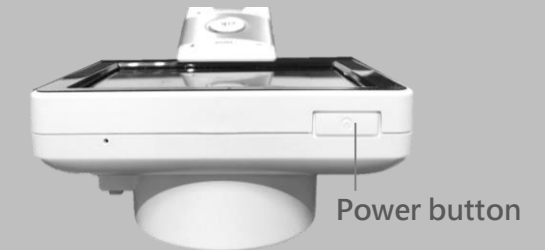


Horus 3rd platform – DSC 300P

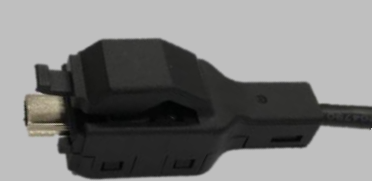
More Features, More Reliable

- ✓ Better CPU and sensor performance
- ✓ 3.5" capacitive touch panel
- ✓ Multi-touch (Zoom in/ out)
- ✓ Wi-Fi / Bluetooth module embedded
- ✓ HDMI Full HD live stream
- ✓ USB plug with lock
- ✓ Magnetic pogo touch charger

- ✓ DSC 300P – Focus wheel



- USB plug with lock
- Magnetic charger

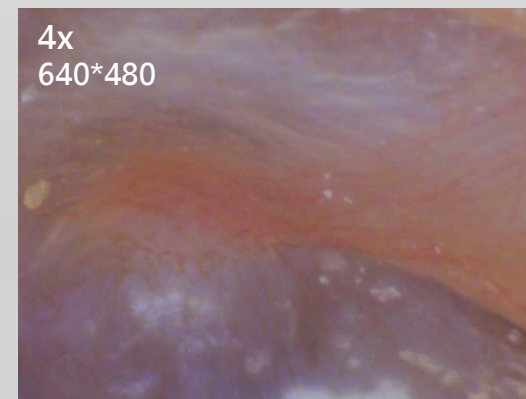
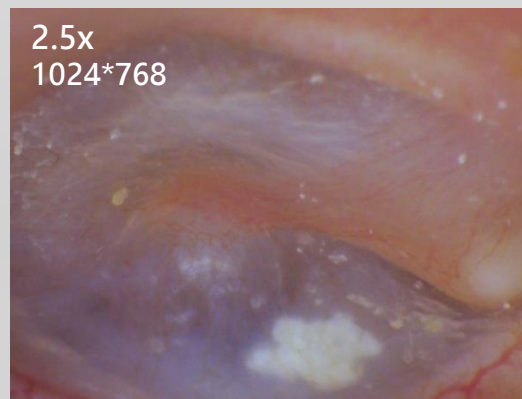


DSC300P+DOC 300S: next generation for Otoscope

Good to Excellent

- ✓ New optical design for better performance
- ✓ 5M pixels (4:3)
- ✓ Enlarge capability (1~4x)

DSC 300P ft. DOC 300S



DSC 100 / DOC 100S



- ✓ 2M (16:9)

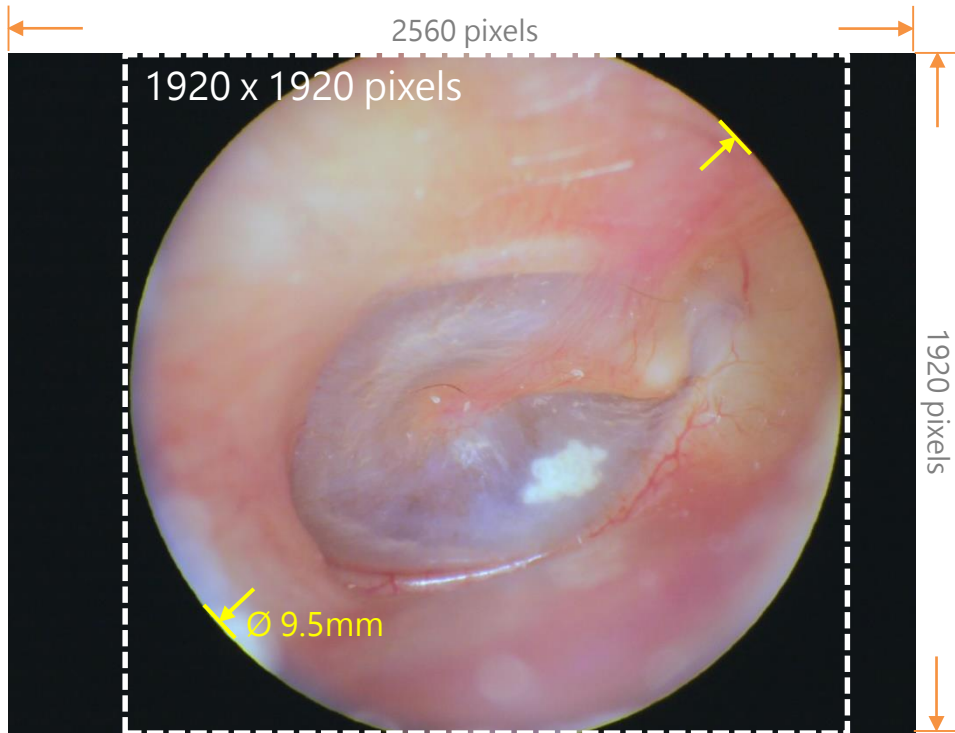


DSC 300P ft. DOC 300S

Picture

Using about 1920 x 1920 pixels to resolve phi 9.5mm image.

→ Better image resolution (more detail)



Live View

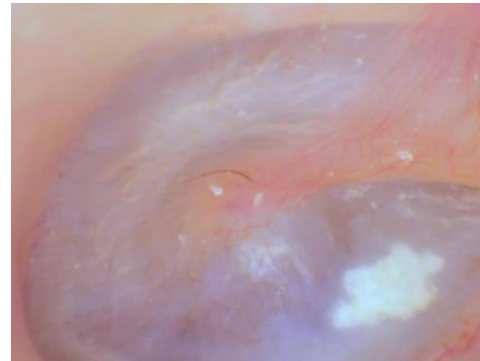
1x (2560*1920)



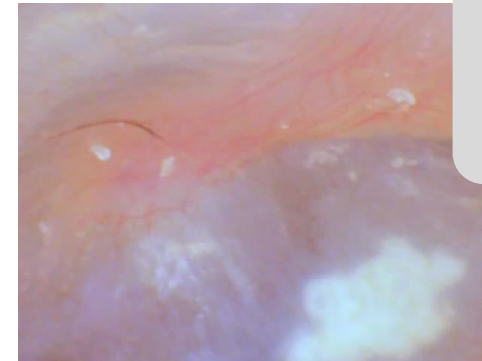
1.6x (1600*1200)



2.5x (1024*768)



4x (640*480)



HDMI
live view on monitor

DOC 300S



Primary Specification

Items		EOC 700	DSC 100	DSC 300P	
CPU		DM368	DM368	DM388	
Sensor		2M (16:9)	2M (16:9)	5M (4:3)	
Focus type		Focus wheel	Focus wheel	Focus wheel	
LCD Monitor		3.5" No touch	3.5" No touch	3.5" Capacitive Touch Multi-touch	
Microphone		-	-	○	
Speaker		-	-	○	
File storage		Micro SD Card (32G)	Micro SD Card (2~32G)	Micro SD Card (2~32G)	
Interface	Wi-Fi	-	-	○	
	Bluetooth	-	-	○	
	Micro HDMI (1920 x 1080)	-	-	○	
	Magnetic charger	-	-	○	
	Mini USB	○	○	○	
	AV output (640 x 480)	-	○	-	
Function	Manual Focus	○	○	○	
	Auto Focus	-	-	-	
	Live view zoom in	-	-	○	
Camera lens	Hybrid	For ear/throat/skin	○	-	
	Otoscope	DOC 300S	-	-	○
		DOC 100S	-	○	-
	Dermatoscope	DDC 200	-	-	○
		DDC 100	-	○	○
	General lens	DGC 100	-	○	○
	Fundus camera	DEC 100	-	○	○
	Eye anterior lens	DEA 200P	-	-	○
		DEA 100	-	○	○
Endoscope adapter	Adapter 300	-	○	○	
	MiiS adapter	-	○	-	
Picture resolution		1920 x 1080	1920 x 1080	2560 x 1920	
Video resolution		1920 x 1080	1920 x 1080	2560 x 1920	
UVC resolution		640 x 480	640 x 480	640 x 480	