

NEW

Image Capture & Recording System

EndoCap-3588

Image Capture & Recording System with 8" touch panel and Rockchip RK3588 processor

Features

- Quad-core Cortex-A76 and quad-core Cortex-A55, up to 2.4GHz
- 8 inch 10-point multi-touch PCAP touch panel
- 6 x USB (4 x USB 2.0 / 2 x USB 3.0)
- HDMI in up to 4K@60FPS
- 2 x HDMI output (1x 8K@60Hz / 1x 4K@60Hz)
- Onboard 8GB LPDDR4x Memory



Specifications

Model		EndoCap-3588
Display	Display Size	8"
	Resolution	1200 x 1920
	Brightness (cd/m ²)	460
	Contrast Ratio	900:1
	LCD Color	16.7M (RGB 8-bits)
	Pixel Pitch (mm)	0.0897 x 0.0897
	Viewing Angle (H/V)	170°/170°
	Backlight MTBF (hrs)	30,000
Touch	Touchscreen	Projected capacitive type with 10-point multi-touch
	Touch Controller	ILI 2520
Processor	Processor	Rockchip RK3588 (Quad core Cortex-A76 + Quad-core Cortex-A55)
	GPU	ARM Mali-G610 MP4
	NPU	6TOPS NPU, triple core, support int4/int8/int16/FP16/BF16/TF32 acceleration
RAM	RAM	On-board 8GB LPDDR4x
Flash	Flash	On-board 32GB of eMMC NAND Flash
Recording and Capture	Encoding formats	H.264, H.265
	Recording file format	MP4
	Capture image format	BMP BMP+DCM JPEG
	Audio encoding format	AAC-LC
Expansion	Expansion	1 x M.2 2280 M key slot
Audio	Audio	1 x Line-out jack
Speaker	Speaker	2 x 3W speaker
Microphone	Microphone	1 x Mic-in
HDMI	HDMI	1 x HDMI-input up to 4K@60FPS
		1 x HDMI-output up to 4K@60FPS
		1 x HDMI-output up to 8K@60FPS

Wireless	Wi-Fi	Wi-Fi 6
	Bluetooth	Bluetooth v5.0
I/O	Front I/O	2 x USB 3.0 1 x Line out 1 x Mic in Power button
	Rear I/O	1 x HDMI-output up to 8K@60Hz 1 x HDMI-output up to 4K@60Hz 1 x HDMI-input up to 4K@60FPS 2x GPIO for Pedal 1 x GbE LAN 1 x 2.5GbE LAN 4 x USB 2.0 1x DC IN
Button	Button	1 x Power on/off (with power LED)
LED Indicator	LED Indicator	1 x Power LED / 1 x Capture status
Physical	Color	White; Black
	Thermal	Fanless
	Weight (Net) (kg)	1.88
	Weight (Gross) (kg)	4.89
	Dimensions (LxWxH) (mm)	205.4 x 168.34 x 162.65
Power	Input	12V DC
	Power Adapter	65W power adapter
Environment	Operating Temperature	0°C – 40°C
	Storage Temperature	-20°C – 65°C
	Humidity	10% – 95% (non-condensing)
	Vibration	1G
	Operating shock	5G peak acceleration (11ms duration)
	Non-operating shock	15G peak acceleration (11ms duration)
Operating System	Supported OS	Debian 11 (Linux kernel 5.10)
Certification	EMC & Safety	CE, FCC Class A Part18

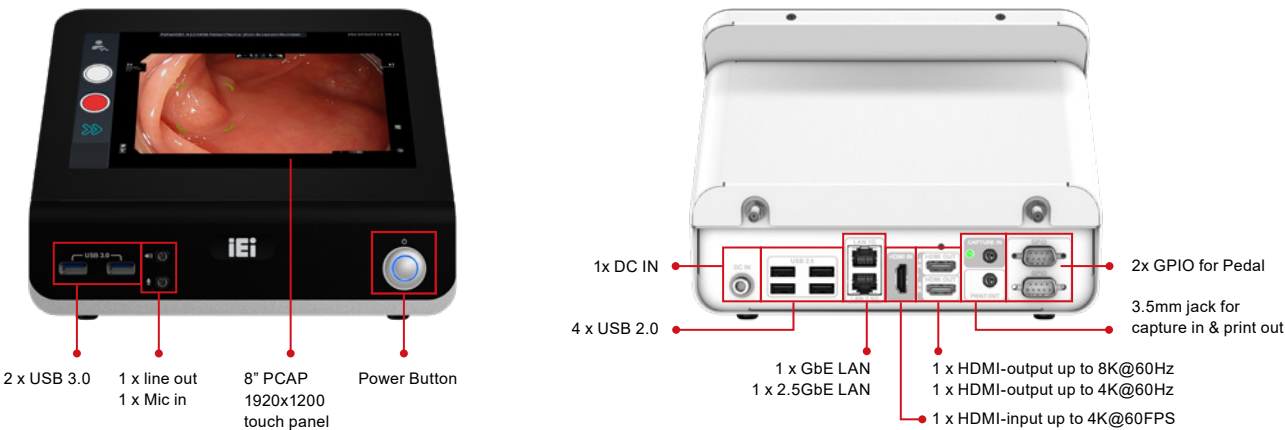
Ordering Information

Part No.	Description
EndoCap-3588-R10	Box PC, 8" panel, PCAP touchscreen, Rockchip RK3588, on-board 8GB LPDDR4x, on-board 32GB eMMC, 65W power adapter, w/o M.2 SSD, w/ Wi-Fi Antena, FW with IEI Logo, IEI logo plate, R10, RoHS

Packing List

Item		
1 x 65W power adapter	1 x European power cord, 183 cm, C13	2 x Wi-Fi Antenna

I/O Interface



Dimensions (Unit: mm)

