

# ClaroVision wireless dental camera

A full HD Wireless Intraoral Camera from a pioneering manufacturer. No cords and with high video quality images up to full HD(1080P).

Using new wireless digital technology, high video compression based on H.264 and FHSS technology, resulting in much lower interference and stability than traditional WIFI technology. The camera has a long wireless range and low power consumption ( 6-7 hrs working time).

There is a HDMI output which can be connected to a monitor for training, diagnosing and assessment purposes with the addition of an USB video output from the receiver box. The receiver box also has a micro SD card slot to easily store captured patients images.

The camera is manufactured with a Sony HD sensor with a high-end optical lens and has auto focus, zoom in/out, snapshot and recording functions.



- High definition video 1080P using a 2 Mega pixel Sony lens
- 2.4GHz Proprietary digital wireless technology reducing interference
- Long range wireless operation
- High end optical lens allowing intra and extra oral images
- Snapshot, record, zoom in-out functions
- HDMI and USB outputs on the receiver box
- Long working time on full charge up to 7 hours
- Snapshot and record video to Micro SD card
- User friendly operation
- Twain, direct show/video Windows command



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## Camera specifications:

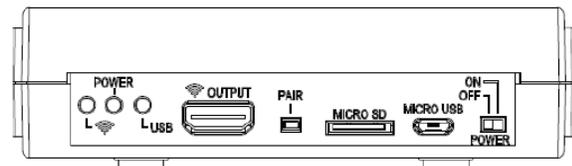
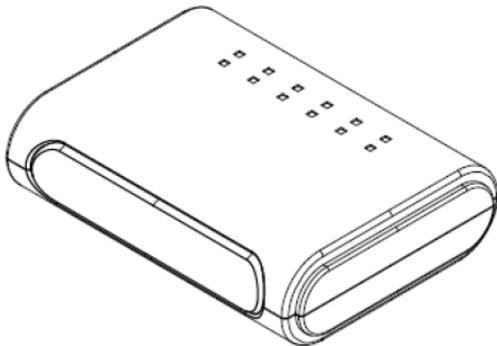
Item	Specification
Camera sensor	2Meg Sony sensor
Video resolution	1920 x 1080 @20fps
Video format	H.264
Optical lens	Three glass lens with 82° view angle and waterproof cover
Optical magnification	30x
Focal distance	20mm-30mm, 30mm-300mm extra oral
Functions	Snapshot, record, zoom in/out, power on
Zoom function	1x, 1.5x, 2x
Wireless modulation	FHSS
RF power	17dBm
LED light	6 x white LEDs (4 white and 8 blue on plaque model)
Frequency range	2.4-2.4835 GHz
Transmission distance	50 metres (open sight)
Power	DC 5V/2A (Micro USB type)
Rechargeable battery	Lithium - 1600mAh
Battery life	6-7 hours with full charge
Camera package	Wireless camera x 1, wireless receiver box x 1, Micro USB to A type cables x 2, user manual, IOC software, integration instructions

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## Receiver specifications:

Item	Specification
Frequency range	2.4GHz—2.483GHz
Receiver sensitivity	-80dBm
Video format	H.264
Video resolution	1920 x 1080 @20fps
Wireless modulation	FHSS
Photo saved format	MJPEG
Video saved format	AVI
Dimensions	125mm x 92mm x 33mm
Operating temperature	-10°C - 60°C
Power	DC 5V/2A (Micro USB type)
Memory card	Micro SD
Output	HDMI and Micro USB

## Receiver Box



# ICONA

DESIGNED WITH YOU IN MIND

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