



*Values Your Vision, Quality Endoscope Provider!*

# Adronic Endoscope System



V70-HDFS



V70-300LPR

# Portable Endoscope System Introduction

## ALL IN ONE Portable

Design for doctors easily out going  
diagnose as well as using it at Clinical Trials.

## Excellent Image Quality

By using Sony1/2" image sensor with HD 800 lines, provides bigger and better details of image quality to inspectors.

## Connecting Function

Directly link to PC/ NB with USB 2.0 port. No need extra software for snapshot or video recording whenever, wherever.

## Multi Application

Good for childer, older, disabled person, especially the diagnosis of Emergency, ENT, Gynecology, Surgery, etc.

## Universal Competibility

Support couplers from 14mm-35mm.

## Adronic V70 Portable Endoscope Imaging System

- 7 inch monitor
- Snapshot Format: 2592\*1944.JPG
- Video Format: 720\*576.AVI
- Support storage of snapshot, video recording and replay
- Include a Micro-SD 4GB memory card (upto 32GB)
- USB 2.0 port for linking to PC/ NB as a card reader
- Built-in li-ion battery supports 4 hours independent running time (fully charge)



## Adronic V70-HUB Portable Endoscope Imaging System

- Support storage of snapshot, video recording and replay
- Compact design for linking to PC/ NB
- No extra software need
- Snapshot Format: 640\*480.BMP
- Video Format: 720\*480.AVI
- Mini light source
- Compatible with all type of endoscope



## Adronic M55 Portable Endoscope Imaging System

2016 Taiwan Excellent award

- 3.5 inch monitor
- Snapshot Format: 640\*480.JPG
- Video Format: 640\*480.AVI
- Support storage of snapshot, video recording and replay
- Built-in li-ion battery supports 4 hours independent running time (fully charge)
- Include a Micro-SD 4GB memory card (upto 32GB)
- USB 2.0 port for linking to PC/ NB as a card reader





## Camera Head

Application: Laparoscopic, Cystoscope, Ureteroscopy, Arthroscopy, ENT



*Adronic V70 -H200 Camera Head*

Sensor Size: Sony CCD 1/2.8"  
Effective Pixels: 1920\*1080P  
Frame Rates: 60fps  
Minimum Illumination: 0.6lux (AGC ON) F1.2  
Cell Size: 2.8um\*2.8um  
Coupler: 14mm-35mm/ Zoom 18-35mm  
Signal Output: HDMI/ DVI / VGA  
White Balance: Auto/ Manual  
Parameter: Adjustable

*Adronic V70 -H130 Camera Head*

Sensor Size: Sony CCD 1/3"  
Effective Pixels: 1280\*720P  
Frame Rates: 60fps  
Minimum Illumination: 5.5lux at F1.2  
Cell Size: 4.08um\*4.08um  
Coupler: 14mm-35mm/ Zoom 18-35mm  
Signal Output: HDMI/ DVI / VGA  
White Balance: Auto/ Manual  
Parameter: Adjustable

*Adronic V70-C Camera Head*

Sensor Size: Sony CCD 1/2"  
Effective Pixels: 800 Line  
Video Format: NTSC/ PAL  
Coupler: 14mm-35mm/ Zoom 18-35mm  
Signal Output: AV/ VGA  
White Balance: Auto/ Manual  
Parameter: Adjustable



## Endoscope Camera Image System

Particular is designed for ENT as well as Obstetrics and Gynecology, Laparoscopic, Cystoscope, Ureteroscopy, Arthroscopy endoscope inspection. This highly-performance, all in one unit integrates very necessary component for supporting for instances adjustable camera head parameters, snapshot, video recording, together built-in LED light source with running lifetime more than 10,000 hours.



Model Name	V70-300L	V70-300LPR
Sensor Size	Sony 1/2" CCD	Sony 1/2" CCD
Effective Pixels	HD 800 Line	HD 800 Line
Video Format	NTSC/PAL	NTSC/PAL
Parameter Adjustable	Yes	Yes
Signal Output	VGA	VGA
Light Intensity	>2,000,000LX	>2,000,000LX
Lifetime	>10,000 hr	>10,000 hr
LED Color Temperature	6000k	6000k
Snapshot Format	N/A	640*480.JPG
Vedio Format	N/A	640*480.AVI



## Surgical Camera Head

Adronic V70-H200S Micro Surgical Camera provides Full HD 1920 \*1080P/ 60fps image quality, together with Adronic PACS full HD Image System Station (DICOM format) offering full HD snapshot and video recording that upload throughout internet to hospital computer centralization main server in return sharing value excellent data for internally or conferences purpose.



### *V70 -H200S*

Sensor Size: Sony CCD 1/2.8"  
Effective Pixels: 1920\*1080P  
Frame Rates: 60fps  
Minimum Illumination: 0.6lux (AGC ON) F1.2  
Cell Size: 2.8um\*2.8um  
Coupler: 14mm-35mm / Zoom 18-35mm  
Signal Output: HDMI/ DVI / VGA  
White Balance: Auto/ Manual  
Parameter: Adjustable

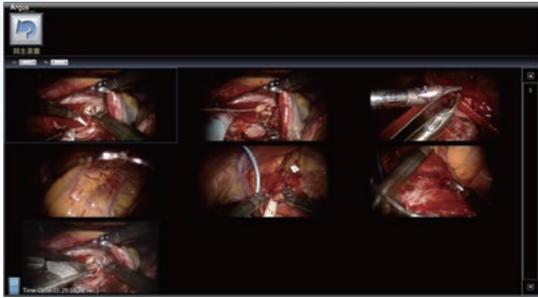
Adronic

## PACS Image System Station

Application: ENT, Department of Gynecology, Urology,  
Neurosurgery, Operating Room.



Ultra HD 4K image output quality. Simplify, user-friendly snapshot and video recording interface for surgical operation while in time to make a copy of file or upload or backup to main server system (DICOM3.0) without spending additional time.



Adronic PACS Image System Station is a stander of DICOM 3.0 format, its image data picture or video that allow to upload directly to hospital PACS database in time.

### V70-HDFS

- Ultra HD 4K image output
- HD 1080P/ 60fps camera head image resolution
- HD 1080P video recording and playback support
- White Balance: Auto/ Manual
- DICOM 3.0 format
- PACS database support
- Patient text input and Auto-Worklist
- Foot pedal for image capture and video recording
- Blue-ray DVD player/ Burner
- Printer support (optional)
- Auto-Backup

### V70-FS

- NTSC/ PAL stander image output
- Photo format support BMP/ JPG
- 640\*480 video recording and playback support
- Patient text input and Auto-Worklist
- PACS database
- DICOM 3.0 format
- Foot pedal for image capture and video recording
- DVD player/ Burner
- Printer support (optional)
- Auto-Backup

## Adronic LED300 LED Light Source

- Light intensity: >2,000,000LX
- Lifetime: >10,000 hr
- LED color temperature: 6000K
- Low carbon



## Adronic Fiber Optical Light Cable

- Universal straight connector include support Olympus/ Storz
- Diameter: 3.5mm/ 4mm
- Length: 2.5M/ 3M
- Customization available



## Adronic Mini LED Light Source

- Application: Olympus/ Storz/ Wolf/ ACMI
- Runing time: 90 minutes (fully charge)
- Output : 5W
- Portable design
- Resist 134°C for 3 minutes
- Comfortable unique hand-held rubber cover protection



Adronic Endoscope optical designs Micro-Flexible/ Rigid endoscopes are used with Full HD camera head to examine unique condition needed. Its wide range include:

- Outdiameter: 0.8mm to 10 mm
- View of Angel: 0° / 30° /70°
- Length: 45mm – 330mm



OD (mm)	Lens Degree	Working Length (mm)																
		45	55	80	104	108	170	175	178	183	205	207	230	260	300	302	330	600
0.8	0°																	○
1.0	0°													○				
1.9	0°		○	○	○			○			○				○		○	
	0°			○		○		○		○						○		
2.7	30°			○		○		○		○						○		
	70°					○		○									○	
4.0	0°	○						○		○							○	
	30°	○						○									○	
	70°	○						○									○	
5.0	0°							○									○	
	30°																○	
	70°							○									○	
8.0	70°						○		○									
10.0	0°												○			○	○	
	30°														○		○	





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**Patent : Taiwan, China, Russia, EU, USA**