

Zdravotnické vyšetřovací přístroje a medicínská zařízení pro přenos a záznam obrazu II

část č. 2 VZ. Full HD externí medicínská kamera s příslušenstvím

nemusí jednat o nový přístroj, zadavatel připouští variantu dodávky předváděcího přístroje (tovární DEMO) s plnou zárukou a záručními podmínkami jako u nového přístroje, podrobně stanovenými v čl. 6 Smlouvy

TECHNICKÉ PODMÍNKY technická specifikace stanovená zadavatelem		TECHNICKÁ SPECIFIKACE NABÍZENÉHO PLNĚNÍ technická specifikace nabízená uchazečem	
Popis parametru (Nabídka uchazeče musí splňovat všechny níže uvedené požadavky a parametry specifikace. U parametrů vymezených minimální nebo maximálně úrovní nebo rozmezím hodnot, musí nabídka uchazeče vyhovět alespoň stanovené požadované úrovni.)	Zadavatelem požadovaná hodnota	<p>Pokud je zadavatelem po uchazeči vyžadováno pouze uvedení, zda je příslušný požadovaný parametr splněn, pak uchazeč uvede ANO, že parametr splňuje)</p> <p>Pokud je zadavatelem u technického parametru požadován bližší popis nebo určení specifikace, pak je uchazeč povinen uvést bližší popis, výčet vlastností, konkrétní údaj nebo rozmezí hodnot jim nabízeného zboží, v opačném případě bude zadavatel vycházet z jim minimální stanovené hodnoty nebo požadavků na zboží - viz. sloupec Zadavatelem požadovaná hodnota.</p> <p>Z údajů uvedených uchazečem musí být zřejmé, že uchazečem nabízené zboží splňuje minimální technické požadavky stanovené zadavatelem - uchazeč uvede splnění požadovaného parametru ověřitelným způsobem, např. konkrétním odkazem na technické listy, výkresy apod.)</p>	
Položka č. 1 Full HD externí medicínská kamera		Model - typové/výrobní označení	Výrobce
		Panasonic AG-MDC10G	Panasonic
Počet kusů: 1 ks		Uchazečem nabízená hodnota	
Full HD externí medicínská kamera		Ano	
Medicínský atest		Ano	
rozlišení		minimálně 1920 x 1080p, minimálně 2,5 megapixelů	
3 chipová technologie		Ano	
optický zoom		minimálně 12x	
čochy s optickým stabilizátorem obrazu		Ano	
integrován stereo mikrofon		Ano	
dálkové ovládání		Ano	
prohlášení o shodě dle zákona č. 22/1997 Sb., o technických požadavcích na výrobky, ve znění pozdějších předpisů		ANO uchazeč prostou kopií tohoto prohlášení doloží v rámci technické specifikace	

Položka č. 2 Modul pro FULL HD záznam		Model - typové/výrobní označení	Výrobce
		Panasonic AG-MDR15	Panasonic
Počet kusů: 1 ks		Uchazečem nabízená hodnota	
Modul pro FULL HD záznam a přenos obrazu (vídea) z full HD kamery a ovládání full HD kamery		Ano	
plně kompatibilní a propojený s dodávanou Full HD externí medicínskou kamerou (položka č. 1)		Ano	
prostřednictvím modulu budou ovládány minimálně tyto funkce kamery:		Ano	
zoom		Ano	
zavěrka		Ano	
white balance		Ano	
LCD monitor součástí modulu		Ano, 3,5"	
Možnost záznamu na SD kartu		Ano	

Položka č. 3 Stojan pro umístění kamery a modulu		Model - typové/výrobní označení	Výrobce
		POV Stand	Cullmann
Počet kusů: 1 ks		Uchazečem nabízená hodnota	
Samostatně stojící přenosný stojan s ramenem pro uchycení kamery a modulu		ano	
součástí stojanu je rameno, aby bylo možné kameru nastavit nad operační ránu		ano	
plně kompatibilní s dodávanou Full HD externí medicínskou kamerou (položka č. 1) a modulem pro FULL HD záznam (položka č. 2)		ano	

mobilitní, polohovatelný stojan pro uchycení kamery a modulu	ANO
výška stojanu	minimálně 150 cm
rameno stojanu polohovatelné	ANO
délka polohovatelného ramene	minimálně 90 cm

ano			
výška 155 cm			
ano			
délka polohovatelného ramene 95 cm			

	takto označené buňky vyplní uchazeč v rámci zpracování své nabídky
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Provides High-Quality Full-HD Images for Medical Journal Reports Reliable Use for Medical Applications

- Ensures a High Level of Reliability
- Complies with Medical Electrical Equipment Standards*
- Standard Features Include a Lens Protector (MC protector) to Guard the Front of the Camera

Camera Head for AG-MDR15 series (optional)
AG-MDC10G

- *This product is classified by Underwriters Laboratories Inc. as medical electrical equipment with respect to electric shocks. These products comply with UL 60601-1 (AG-MDR-SP) and also conforms to IEC 60601-1 (EN 60601-1) (AG-MDR15E).
- *When AG-MDC10G is connected with AG-MDR15 series, camera head option cable is required.

AG-MDR15 AG-MDC10G

Highly Detailed Image Capture A Progressive 3MOS Sensor with Approx. 2.51 Megapixels

The progressive 3MOS image sensors record full-HD images with approx. 2.51 megapixels effective motion-image resolution. This produces full-raster HD images with high resolution and superb image quality. Because each of the three separate image sensors receives one of the three primary colors of light (red, green and blue), they render more precise images and more faithful colors than the single light-receiving 1MOS sensor. Records Clear, Full-HD Surgical and Other Images.

What's the 3MOS System?

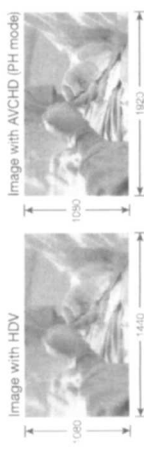
3MOS (MOS = Metal Oxide Semiconductor)
Image Sensors Process the three primary colors of light (red, green and blue).



AG-MDR15 AG-MDC10G

High-end AVCHD Image Quality PH Mode for High Bit Rate Recording

The AG-MDR15 series features the image-enhancing PH mode that Panasonic developed exclusively for AVCHD camcorders. It delivers a maximum AVCHD bit rate of 24 Mbps (average: 21 Mbps). Designed for professional image production, this mode handles full-raster HD 1920 x 1080 and 1280 x 720 HD pixels, and lets you record 1080/30p, 1080/25p, and 1080/24p progressive images in addition to 1080/60i and 1080/50i when connected to the AG-MDC10G (optional).



Memory Card
Portable-Recorder
AG-MDR15 series

AG-MDR15 AG-MDC10G

Ease, Efficiency, Reliability Large-capacity SDHC Memory Card

Unlike videoplate, there is no need for queuing with the SDHC Memory Card because recording automatically begins in a blank section of memory. Nor do you have to worry about accidentally recording over important footage. You can delete unwanted clips instantly right on the spot to preserve memory capacity. Editing after shooting is smooth and easy, with no need for digitizing. The line SDHC Memory Card is durable, too, to operating range is from -25 °C to 85 °C (-13 °F to 185 °F). And of course, you never have to worry about problems with dropouts or dropped heads.

Records for 180 minutes (approx.) in the highest-quality (PH) mode

Recording Mode	Image Size (H x V)	Bit Rate	Max. Recording Time with a 32 GB SDHC Memory Card
PH Mode	1920 x 1080 1280 x 720	Approx. 21 Mbps (Average)	Approx. 180 minutes
HA Mode	1920 x 1080	Approx. 17 Mbps (Average)	Approx. 240 minutes
HQ Mode	1920 x 1080	Approx. 13 Mbps (Average)	Approx. 320 minutes
HE Mode	1440 x 1080	Approx. 8 Mbps (Average)	Approx. 720 minutes

* A Class 4 or higher SDHC or SD Memory Card is required for PH and HA recording. Use a Class 2 or higher SDHC or SD Memory Card for other modes. (Panasonic SDHC or SD Memory Cards are recommended.)

AG-MDR15 AG-MDC10G

More Efficient than Tape Versatile Solid-state Recording Functions

- Pre-REC**
This helps to ensure you always get the shot you want, by letting you continuously store, and subsequently record, images and sounds for 3 seconds before the REC button is pressed in standby mode.
- * Can be used only when combined with the AG-MDC10G.

LCD REVERSE

The image displayed on the LCD monitor can be reversed vertically and horizontally to check the angle and recorded image.

- * Only the image display is reversed. The recorded image remains in its original orientation. It can be assigned as the User button if desired.

INDEX

Index flags can be added to any desired points in a clip during recording or playback. Up to 100 index flags can be added to each clip.

Time stamp

Date and time information can be recorded directly onto the image signal. This is ideal for use in medical journal reports and training, as well as for saving highly reliable images for explaining medical procedures to patients and their families.



Allows Operation from a Distance Teams with AG-MDR15 series Recorder

Zoom, focus, iris, shutter speed and white balance adjustments, as well as camera setup, can all be made from the AG-MDR15 series. Its built-in microphone also let you input audio. And the audio level can be adjusted. The camera head option cable (optional) comes in 3 m (9.84 ft) (AG-C20003G) and 20 m (65.62 ft) (AG-C20020G) lengths to match your application.

Quick, Easy Focusing HD Focus Assist Function

In addition to the center zoom function, which enlarges the center area of the image for easier focusing, a focus bar can be displayed to indicate the focus level by the length of the bar. A peak hold function in the focus bar makes it easy to find the optimal focus position. The One-Push Auto Focus mode also lets you temporarily switch to AF mode during manual focusing.



Focus Bar

* This function cannot be used for digital zooming.

AG-MDR15 AG-MDC10G

Fast Scene Searches 3.5-inch LCD Monitor Thumbnail View

Image data is recorded as a file for each scene. Thumbnail images and file information are automatically attached to each file to enable fast, non-linear access confirmation and deletion of files displayed on the LCD monitor.

Clip Operation

The AG-MDR15 series allows fast forward, fast reverse, clip forward, clip reverse, and frame by frame playback operation.

Options



AG-C20003G 3 m (9.84 ft)
AG-C20020G 20 m (65.62 ft)
Camera Head Option Cable

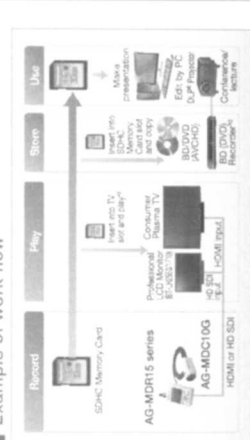


RP-SDW32G
RP-SDW16G
SDHC Memory Card

Example of system flow



Example of work flow



* To ensure safe, accurate evaluation, be sure to view all work done by a certified technician. Installation errors can cause the product to fail and lead to accidents.

* For models with SDHC Memory Card capacity: *1 Needs to be compatible with AVCHD. For more details, please visit the following website: *2 For US Customer, visit: panasonic.com. *3 For Outside US, visit: panasonic.com.

Declaration of Conformity 017072

Document No. VSD-10H190-01**(Manufacturer's name & address)**

Professional AV Systems Business Unit
Systems Business Group, AVC Networks Company
Panasonic Corporation
2-15 Matsuba-cho Kadoma, Osaka, 571-8503, Japan

(Object of the declaration)

(Product) Professional Use Memory Card Portable Recorder
with Compact Camera Head and AC adaptor

<A>

(Trade Name) Panasonic

(Model No.) AG-MDR15E with AG-MDC10G and VSK0721(MPU15B-103)

The object of the declaration described above is in conformity with the requirements of the following EU legislations and harmonized standards:

(Council directive):

2006/95/EC (Low Voltage Directive)
2004/108/EC (EMC Directive)

(Commission Regulation):

COMMISSION REGULATION (EC) No 1275/2008 (standby) and No 278/2009 implementing Directive 2009/125/EC of the European Parliament and of the Council

(Harmonized standards):

EN 60065:2002 + A1:2006 + A11:2008 EN 55103-1:1996 EN 55103-2:1996
EN 61000-3-2:2006 EN 61000-3-3:2008

<C>

(Council recommendation):

(the last two digits of the year in which the CE marking was affixed): 10

(Additional information):

Product also complies with the Council directives

<D>

Remark: For translation refer to rear side

Signed by the manufacturer

(Signature):

(Printed name): K.Hirano

(Title): Group Manager, Products Development Group

Place and Date of issue: Kadoma, Osaka, Japan 8th June, 2010

Authorised Representative:

(Company Name): Panasonic Testing Centre

Panasonic Marketing Europe GmbH

(Address): Winsbergring 15, 22525 Hamburg, Germany

(Signature):

(Printed name):

(Date):

Wolfram Kohn

09. Juni 2010