# MDR Video – Touch

**Supports reviewing and editing at the point of care**

**Small footprint**

**Integrated touch screen**

**Lights-out management**

**Multiple video inputs**

**Supports modality worklist or onscreen keyboard for patient data entry**

## Video missing from EMR

To provide quality patient care, clinicians need seamless access to complete patient information, including clinical videos and images, within their electronic health records (EHRs). Unfortunately, the capture and management of video and images across the healthcare delivery organization (HDO) is inconsistent and siloed. As a result, clinicians are often making decisions based on incomplete patient information in the EHR.

## Consistent video and image management

MDR Video - Touch, from Hyland Healthcare, allows you to capture videos and images from visible light modalities and easily associate them with the correct patient record. Using industry standards such as DICOM XDS and HL7, MDR Video–Touch connects video and images to a PACS, VNA, XDS repository, EMR or even OnBase. MDR Video–Touch brings consistency to your video management processes regardless of the department or source.

## Specifications

### Video Input/Output

- Automated video set-up utilities
- Automatic video detection technology
- Supports HDMI, DVI, VGA, SDI, HD SDI, 3G SDI, component, composite and S-video
- High-resolution monochrome to 160 MHz
- High-resolution RGB to 136 MHz
- Supports resolutions up to 2048x2048
- Interlaced and non-interlaced formats
- Monochrome up to 1280 x 1024 VGA
- Standard NTSC/PAL S-Video formats
- Supports DICOM, DICOM MP4, XDS and native output
- Supports HDMI embedded audio, SDI embedded audio or analog audio
- DVI-D input using DVI-D/VGA adapter (sold separately)

### Image Review

- Last cine hold/playback with frame-by-frame review
- Last image delete
- Image recall

### Image Compression

- DICOM, JPEG, JPEG 2000, MPG, MP4

### Dimensions

- W x H x D 252mm (9.92") x 137.2mm (5.40") x 220mm (8.66")
- Weight: around 3.895kg
- Power Input: 12v 7.5 amps
- 100–240 VAC ± 10%, 47–63Hz, 126 VA

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by Hyland

## Adopt a successful image retention strategy

With MDR Video–Touch, you can transfer captured visible light video and images to several different archives for storage including PACS, VNA, EMR, an XDS repository and even Hyland's own OnBase information management system. This flexibility is convenient, but applying the right strategy to your image retention is key to effectiveness.

For example, images "of" the patient (e.g. CT scans, wound photos, endoscopy video) should ideally be stored in archives purpose–built for medical imaging (i.e. PACS or VNA). These archives adhere to the latest DICOM standards and associate a variety of rich metadata with each image (e.g. patient and procedure information, location where the image was captured, the modality). This functionality is necessary to promote consistency and interoperability. For example, our Acuo VNA has been designed from the ground up to ingest and manage imaging content from any and all modalities. This content, once captured, can be made available to downstream workflows via industry standard interfaces like DICOMWeb, FHIR, XDS and MHD, or to clinical end users leveraging products such as NilRead enterprise viewer.

Images "about" the patient (e.g. insurance cards, scanned clinical documents), on the other hand, are best stored in an XDS repository or content management system like OnBase. These images don't need to adhere to imaging industry standards and don't require the same types of metadata. Yet, they should be able to be easily shared with other systems for clinical reference and process automation.

OnBase can also be leveraged to store video and images "of" the patient captured on MDR Video–Touch. While much of the DICOM standard imaging–related metadata and interoperability will be lost, the images will still be retained for access and referential viewing. This approach might be attractive to providers that have no immediate plans to implement a VNA and want to leverage an existing investment in OnBase.

## Innovative technology, industry-leading experience

MDR Video–Touch is part of the PACSgear Connectivity family of solutions from Hyland Healthcare. We have been adding new functionality and automation to the management of medical images for more than 30 years. In the forefront of standards-based storage since 2008, the technology has been helping incorporate images from across the enterprise into VNA and PACS solutions.

As part of a comprehensive Hyland Healthcare clinical archiving system, PACSgear Connectivity unlocks proprietary departmental data and creates a foundation to capture, manage and view images in a HIPAA-compliant and clinically sensitive environment. More than half of all U.S. hospitals benefit from Hyland Healthcare's deep experience in these and other image management technologies.

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