# Horizon® GS

## Multi-media Imager



**CODONICS**

Defining Image Distribution

# Horizon® GS

## Multi-media Imager



A, A4, 14"x17"
**Grayscale Paper**
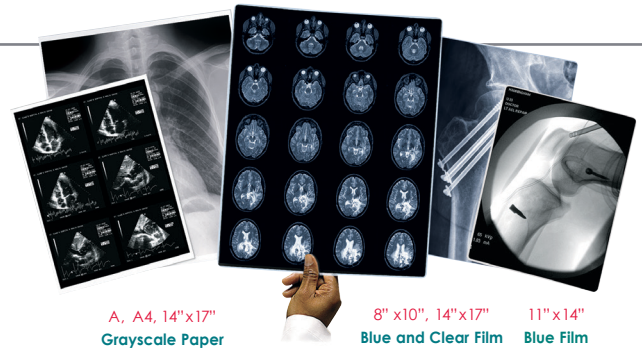
8" x10", 14"x17"
**Blue and Clear Film**

11"x14"
**Blue Film**

## Overview

The Horizon GS combines diagnostic film and grayscale paper printing to provide the world's most versatile medical grayscale imager. Horizon's multiple media options help to immediately cut your costs, build referring physician loyalty and attract new business. Featuring low-cost, room light viewable grayscale paper and a compact, counter-top design, Horizon obsoletes film-only imagers. High speed image processing, networking and spooling are all standard.

## Specifications

| | |
|---|---|
| Print Technology: | Direct thermal (dry, daylight safe operation) |
| Spatial Resolution: | 320 DPI (12.6 pixels/mm) |
| Throughput: | Up to 100 films per hour |
| Time To Operate: | 5 minutes (ready to print from "off") |
| Grayscale Contrast Resolution: | 12 bits (4096) |
| Media Inputs: | Three supply slots for 80-100 sheet cassettes |
| Media Outputs: | One receive tray, 50-sheet capacity |
| Media Sizes: | 8" x 10", 14" x 17" (blue and clear), 11" x 14" (blue) DirectVista® Film A, A4, 14" x 17" DirectVista Grayscale Paper |
| Dmax: | ≥3.0 with DirectVista Film |
| Archival: | ≥20 years with DirectVista Film, under ANSI extended-term storage conditions |
| Media Supply: | All media is pre-packaged and factory sealed |
| Interfaces: | Standard: 10/100/1,000 Base-T Ethernet (RJ-45), Serial Console |
| Network Protocols: | Standard: 24 DICOM connections, FTP, LPR |
| | Optional: Windows network printing |
| Image Formats: | Standard: DICOM, TIFF, GIF, PCX, BMP, PGM, PNG, PPM, XWD, JPEG, SGI (RGB), Sun Raster, Targa |
| | Optional: PostScript™ compatibility |
| Image Quality: | Manual calibration |
| Image Control: | Gamma, Contrast, Polarity, Rotation, Scaling, Antialiasing |
| Sheet Control: | Density Adjustment (Dmax), Look-Up Tables (LUT), Image Warnings, Captions, Sheet Coverage, Border Fill, Crop Anchor |
| Sheet Formatting: | 1:1 – 1:81; Variable Multi-Formatting (VMF™), Fixed Multi-Formatting (FMF™) |
| Control Panel: | Large, backlit LCD display, Status lights include Online, Alert, Fault, Active Power and Menu navigation buttons |
| Processor: | Intel |
| Memory: | 2 GB |
| Hard Disk: | SSD, 32 GB (24 GB available for spooling) |
| Removable Storage: | USB for software upgrades |
| Smart Card: | 72 KB for storing configuration data |
| Power: | Universal Input: 100-120/230V~ 50/60 Hz, 400W printing, 45W idle |
| Heat Emission: | Maximum 400W, 1,366 BTUs/hr. printing, 45W, 153 BTUs/hr. idle |
| Weight: | 66 lbs. (30 kg.) |
| Engine Dimensions: | 14.5" (37 cm) H, 20.5" (52 cm) W, 24" (61 cm) L |
| Environment: | Operating Temperature: 15-30 C Storage: -22 – 50 C Operating Humidity: 10-70% R.H. (non-condensing) |
| Regulatory: | Full medical device compliance including Class 2 FDA and Class I MDR 2017/745/EU (CE), GMP/QSR, ISO 13485:2016/NS-EN ISO 13485:2016, Electrical Safety IEC 60601-1 Ed. 3.1 and EMC/EMI: FCC Class A and IEC 60601-1-2: Ed. 4 for Professional Healthcare Facilities |

## Sunrise Express "Swap" Service

Smart Card from imager being replaced contains all of your internal settings such as IP addresses, gamma and contrast. . .

Smart Card is transferred to replacement imager for instant uptime!



CE

## Call Codonics today at 800-444-1198 or visit www.codonics.com for more information.

QUALITY SYSTEM CERTIFICATION
DNV·GL
ISO 13485

## CODONICS®

We bring the future into focus