

Horizon[®] G2

Multi-media Imager



CODONICS

Horizon® G2

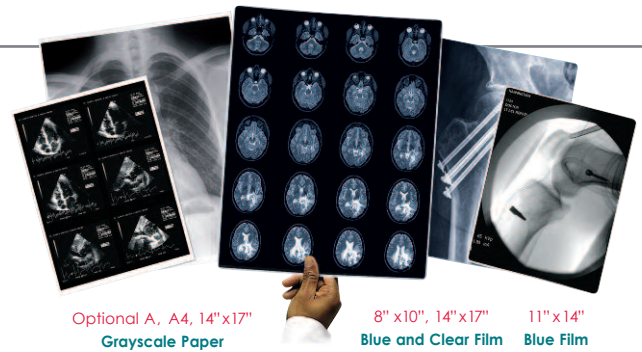
Multi-media Imager

Overview

The Horizon G2 is an intelligent, desktop dry imager that produces diagnostic quality medical films plus grayscale paper prints if you choose the optional paper feature. The imager is compatible with many industry standard protocols including DICOM and Windows network printing. Horizon also features direct modality connection, with up to 24 simultaneous DICOM connections. High speed image processing, networking and spooling are 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:	Two supply cassettes, 80-100 sheets each
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 Optional A, A4, 14" x 17" DirectVista Grayscale Paper
Dmax:	≥3.10 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:	1 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: 15-30C Storage: -22 - 50 C Operating Humidity: 10-70% R.H. (non-condensing)
Warranty:	Includes 12-month Return-to-Factory standard warranty
Regulatory:	Full medical device compliance including Class 2 FDA and Class 1 MDD CE, GMP/QSR, ISO13485:2003, 60601-1 Safety (2nd and 3rd Edition) and EMC/EMI (60601-1-2 and FCC Class B) for Healthcare Facilities



Optional A, A4, 14"x17"
Grayscale Paper

8" x 10", 14" x 17"
Blue and Clear Film

11" x 14"
Blue Film



We bring the future into focus

17991 Englewood Drive
Middleburg Heights, OH 44130 USA
+1.440.243.1198
+1.440.243.1334 Fax
Email info@codonics.com
www.codonics.com

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

All registered and unregistered trademarks are the property of their respective owners. Specifications subject to change without notice.
Patent Nos. 6,249,299; 6,825,864; 7,116,343; 7,264,323; 7,375,737; Patent(s) Pending. Copyright © 2006-2014 Codonics Inc. 4/2014