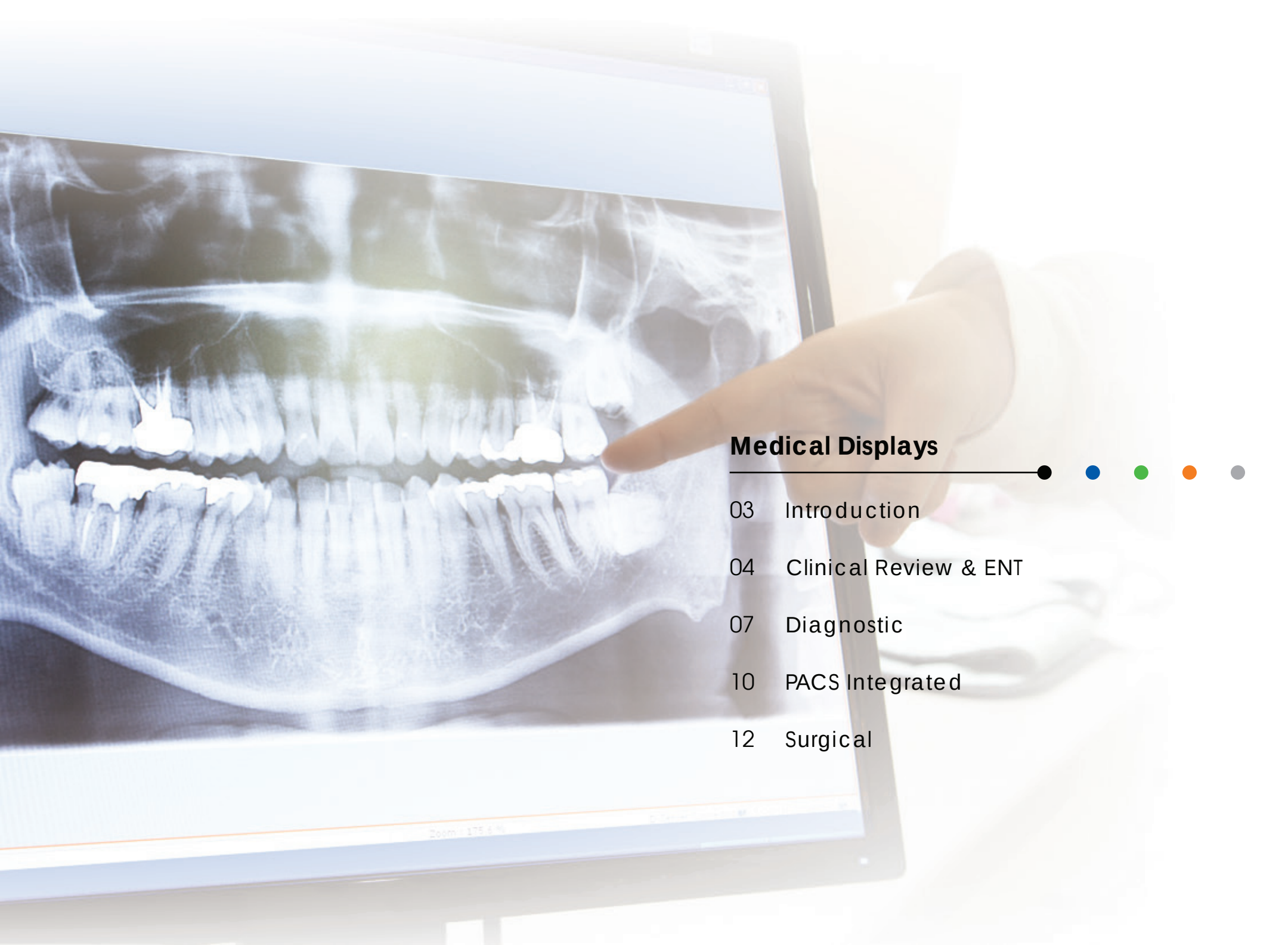
ViewZ

MEDICAL MONITOR



Medical Displays

03 Introduction

04 Clinical Review & ENT

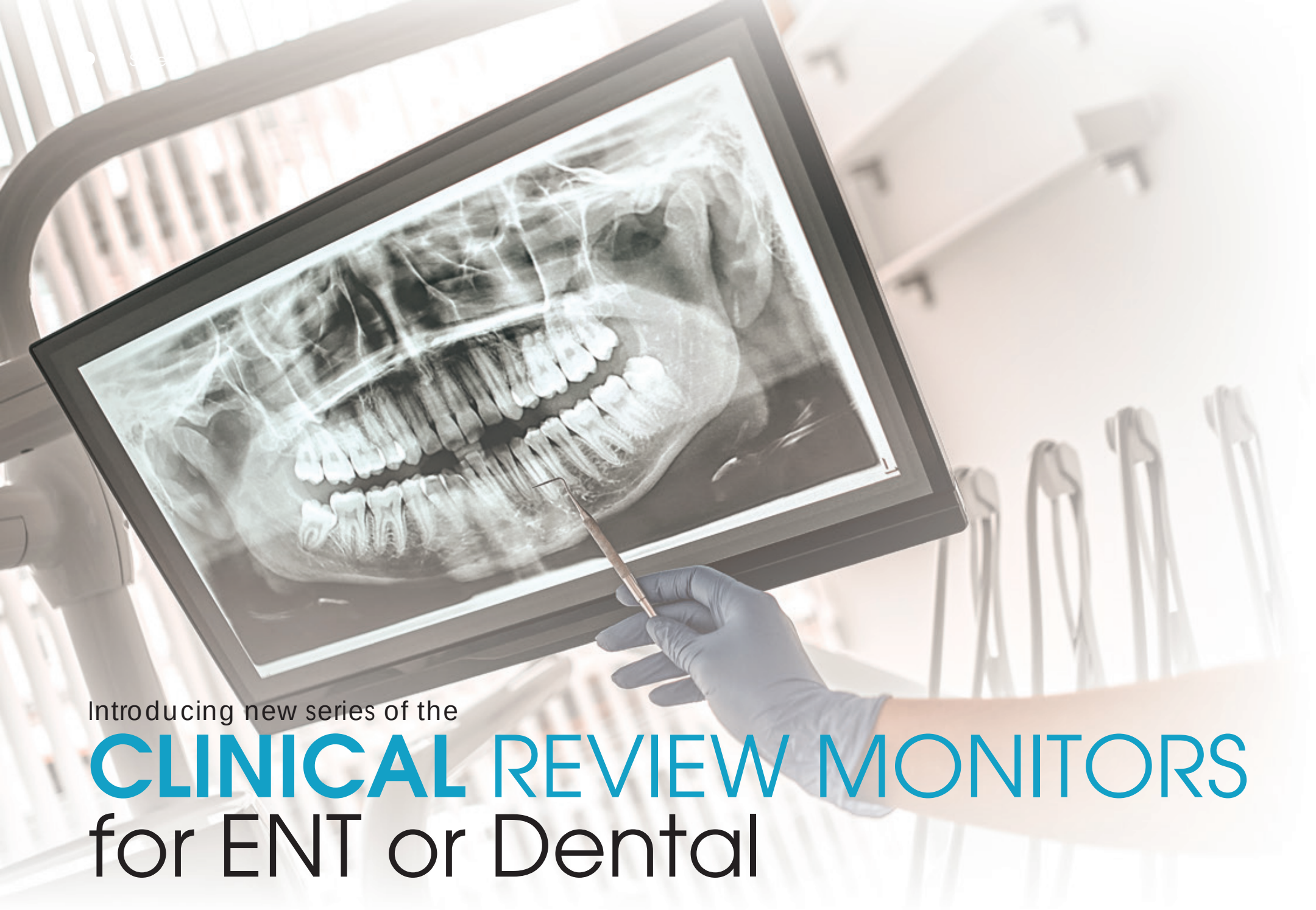
07 Diagnostic

10 PACS Integrated

12 Surgical

Medical monitoring is an essential component of the clinical research process. Medical monitors provide medical expertise and oversight for the entire clinical trial, from initial study design through final study close-out.

ViewZ designs and manufactures the medical monitors and medical display solutions address imaging needs, including mammography displays, PACS displays, endoscopy, x-ray, ultrasound or sectional imaging, and provide a critical part of the diagnostic chain.



Introducing new series of the

CLINICAL REVIEW MONITORS for ENT or Dental

Medical monitoring is an essential component of the clinical research process. Medical monitors provide medical expertise and oversight for the entire clinical trial, from initial study design through final study close-out.

Accurate Image Quality

ViewZ offset correction function can quickly stabilizes the brightness level when the display starts up, allowing you to view the most accurate images right away.

RTN-ME

Clinical Review Monitor
4:3 HDMI/VGA/CVBS Interface

Display	VZ-17RTM-ME	VZ-19RTM-ME
Screen Size (Max.Resolution)	17" (1280 x 1024 @60Hz)	19" (1280 x 1024 @60Hz)
Pixel Pitch	0.264 mm x 0.264 mm	0.2331 mm x 0.2331 mm
Viewing Display Area	337.920 mm x 270.336 mm	376.32 mm x 301.06 mm
Brightness (Max.)	300 cd/m² (Typical)	250 cd/m² (Typical)
Viewing Angle (H/V)	170° / 150°	170° / 160°
Contrast	700:1	1000:1
Color	8 bit	8 bit
Response Time	5 ms	5 ms
Power Consumption (Approx.)	≤ 20 W	≤ 23 W
Interface		
Input	CVBS (BNC), VGA, HDMI, Audio	CVBS (BNC), VGA, HDMI, Audio
Output	CVBS (BNC), Audio	CVBS (BNC), Audio

- 17" & 19" Professional 4:3 Display Monitors
- 3D Comb-filter, De-Interlace
- HDMI, VGA
- 2 BNC(Composite) Inputs / 1 BNC (Composite) Output (Loop-through)
- Built-in Speakers, Auto Source & Power Recovery
- Built to run 24/7/365
- 3-Year Warranty
- Medical Safety Power Supply Approved (2 x MOPP) according to ANSI/AAMI ES60601-1 and IEC/EN60601-1

CMP-ME 16:9 HDMI/ VGA/CVBS Interface

Display	VZ-19CMP-ME	VZ-22CMP-ME	VZ-24CMP-ME	VZ-27CMP-ME
Screen Size (Max.Resolution)	19.5" (1920 x 1080 @60Hz)	22" (1920 x 1080 @60Hz)	24" (1920 x 1080 @60Hz)	27" (1920 x 1080 @60Hz)
Pixel Pitch	0.2265 mm x 0.2265 mm	0.24795 mm x 0.24795 mm	0.2745 mm x 0.2745 mm	0.3114 mm x 0.3114 mm
Viewing Display Area	337.920 mm x 270.336 mm	476.064 mm x 267.786 mm	527.04 mm x 296.46 mm	597.888 mm x 336.312 mm
Brightness (Max.)	200 cd/m² (Typical)	250 cd/m² (Typical)	250 cd/m² (Typical)	250 cd/m² (Typical)
Viewing Angle (H/V)	176° / 176°	178° / 178°	178° / 178°	178° / 178°
Contrast	3000:1	1000:1	1000:1	1000:1
Color	8 bit	8 bit	8 bit	8 bit
Response Time	25 ms	8 ms	8 ms	8 ms
Power Consumption (Approx.)	≤ 24 W	≤ 22 W	≤ 24 W	≤ 30 W
Interface				
Input	CVBS(BNC), VGA, HDMI, Audio	CVBS(BNC), VGA, HDMI, Audio	CVBS(BNC), VGA, HDMI, Audio	CVBS(BNC), VGA, HDMI, Audio
Output	CVBS(BNC)	CVBS(BNC)	CVBS(BNC)	CVBS(BNC)

LED 3G-SDI/HDMI/ VGA/YPbPr Interface

Display	VZ-215LED-L1-ME
Screen Size (Max.Resolution)	21.5" (1920 x 1080 @60Hz)
Pixel Pitch	0.24825 mm x 0.24825 mm
Viewing Display Area	596.74 mm x 335.66 mm
Brightness (Max.)	250 cd/m² (Typical)
Viewing Angle (H/V)	170° / 160°
Contrast	1000:1
Color	8 bit
Response Time	5 ms
Power Consumption (Approx.)	≤ 24 W
Interface	
Input	3G-SDI, HDMI, VGA, YPbPr, USB, Audio
Output	3G-SDI, Audio

DIAGNOSTIC DISPLAYS

Diagnostic Display combines unique LCD panel with the latest IPS technology, which provides top image quality. Its high brightness and contrast is beneficial to show the details, ensure the radiologist make more accurate diagnosis.

Accurate Image Quality

ViewZ's offset correction function can quickly stabilizes the brightness level when the display starts up or wakes up from sleep mode, allowing you to view the most accurate images right away. In addition, its sensors are also used to measure backlight brightness, automatically compensating for fluctuation in display brightness caused by ambient temperature and aging, keeping the brightness contrast

Precise Diagnosis

ViewZ measures and set each grayscale hue carefully, to comply with the DICOM standard, and can be off-line automatic DICOM verification.

MDM Diagnostic Displays MONOCHROME SERIES

DVI/DP/VGA Interface

Display	VZ-22MDM-2M	VZ-22MDM-3M	VZ-22MDM-5M
Screen Size (Max.Resolution)	21.3" (1600 x 1200 @60Hz)	21.3" (2048 x 1536 @60Hz)	21.3" (2506 x 2048 @60Hz)
Pixel Pitch	0.270 mm x 0.270 mm	0.2115 mm x 0.2115 mm	0.165 mm x 0.165 mm
Viewing Display Area	432 mm x 324 mm	433.15 mm x 324.86 mm	422.4 mm x 337.92 mm
Brightness (Max.)	2000 cd/m² (Typical)	2000 cd/m² (Typical)	1200 cd/m² (Typical)
Viewing Angle (H/V)	178° / 178°	170° / 170°	178° / 178°
Contrast	1800:1	1500:1	1200:1
Color	14 bit	14 bit	14 bit
Response Time	19 ms	28 ms	25 ms
Display Surface Treatment	ANTI-Dazzle	ANTI-Dazzle	ANTI-Dazzle
Power Consumption (Approx.)	≤ 55 W	≤ 55 W	≤ 60 W
Interface			
Input	DVI, DP, VGA	DVI, DP, VGA	DVI, DP, VGA

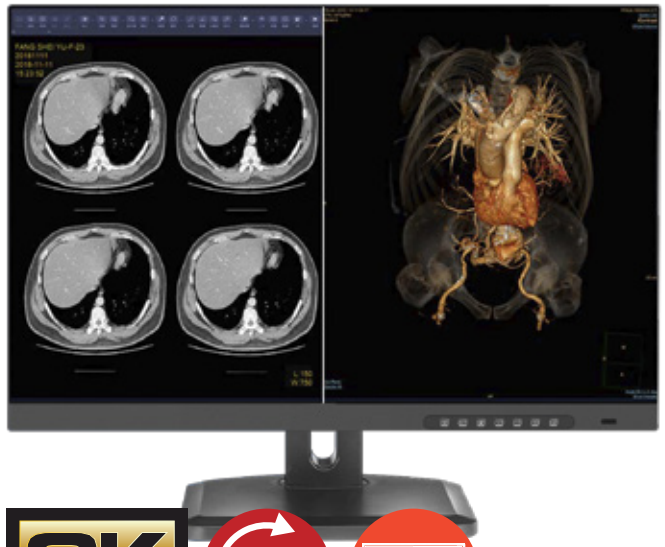
- HD 21.3" Professional Display Monitors
- Ambient Light Sensing System - Preposition ambient light sensing to realize real-time monitor ambient light, and do environment brightness attenuation compensation
- High Resolution Improve the Working Flow - With the highest resolution of the clinical review display, add the visual space and free layout, able to display all kinds of image, such as CT and MR image with the flat form. It can also check the old and new scanning image to compare at the same time, that improve the efficiency.
- Gamma
- Super Wide Viewing Angle
- Multi-Angle Free Conversion
- 3-Year Warranty

MDM Diagnostic Displays COLOR SERIES

DVI/DP/VGA/HDMI Interface

Display	VZ-22MDM-3C	VZ-24MDM-2C
Screen Size (Max.Resolution)	21.3" (2048 x 1536 @60Hz)	24" (1920 x 1200 @60Hz)
Pixel Pitch	0.2115 mm x 0.2115 mm	0.27 mm x 0.27 mm
Viewing Display Area	433.15 mm x 324.86 mm	518.4 mm x 324 mm
Brightness (Max.)	1000 cd/m² (Typical)	600 cd/m² (Typical)
Viewing Angle (H/V)	178° / 178°	178° / 178°
Contrast	1500:1	1000:1
Color	14 bit	16 bit
Response Time	25 ms	14 ms
Display Surface Treatment	ANTI-Dazzle	ANTI-Dazzle
Power Consumption (Approx.)	≤ 80 W	≤ 50 W
Interface		
Input	DVI, DP, VGA	DVI x1, DP x1, HDMI x3

PACS INTEGRATED



ViewZs' monitors can apply for PACS Systems (picture archiving and communication system) are a medical imaging technology which provides economical storage, retrieval, management, distribution and presentation of medical images. Electronic images and reports are transmitted digitally via PACS systems.

MPAC PACS Integrated DVI/DP/HDMI Interface SERIES

Display	VZ-27MPAC	VZ-32MPAC
Screen Size (Max.Resolution)	27" (2560 x 1440 @60Hz)	31.5" (3840 x 2160 @60Hz)
Pixel Pitch	0.2331 mm x 0.2331 mm	0.181 mm x 0.181 mm
Viewing Display Area	596.74 mm x 335.66 mm	698.4 mm x 392.85 mm
Brightness (Max.)	350 cd/m² (Typical)	650 cd/m² (Typical)
Viewing Angle (H/V)	178° / 178°	178° / 178°
Contrast	1000:1	1700:1
Color	14 bit	14 bit
Response Time	14 ms	9.5 ms
Display Surface Treatment	ANTI-Dazzle	ANTI-Dazzle
Power Consumption (Approx.)	≤ 50 W	≤ 130 W
Interface		
Input	DVI, DP x1, HDMI x3	DVI, DP x1, HDMI x3

- 2K 27" & 4K 32" Professional Display Monitors
- Ambient Light Sensing System - Preposition ambient light sensing to realize real-time monitor ambient light, and do environment brightness attenuation compensation
- High Resolution Improve the Working Flow - With the highest resolution of the clinical review display, add the visual space and free layout, able to display all kinds of image, such as CT and MR image with the flat form. It can also check the old and new scanning image to compare at the same time, that improve the efficiency.
- Seamless Dual Screen - PBP
- 3-Year Warranty

SURGICAL DISPLAYS

Surgical Displays deliver Ultra High Definition (UHD) and 4K visualization within the surgical field. These surgical monitors perform wider color space and necessary video interface such as a single 12G-SDI or quad SDI in the neurosurgical, ophthalmology or endoscopy market

Wide Color Space

High Brightness

MSD Surgical Display SERIES

DVI/DP/HDMI Interface

Display	VZ-27MSD	VZ-32MSD
Screen Size (Max.Resolution)	27" (3840 x 2160 @60Hz)	31.5" (3840 x 2160 @60Hz)
Pixel Pitch	0.1554 mm x 0.1554 mm	0.181 mm x 0.181 mm
Viewing Display Area	596.736 mm x 335.664 mm	698.4 mm x 392.85 mm
Brightness (Max.)	1000 cd/m² (Typical)	650 cd/m² (Typical)
Viewing Angle (H/V)	178° / 178°	178° / 178°
Contrast	1300:1	1700:1
Color	8 bit	8 bit
Response Time	14 ms	9.5 ms
Display Surface Treatment	ANTI-Dazzle	ANTI-Dazzle
Power Consumption (Approx.)	≤ 65 W	≤ 160 W
Interface		
Input	DVI, HDMI, DP, VGA	VGA, DVI, S-Video, SDI, CVBS (BNC), YPbPr, RGB, RS232, USB
Output	-	DVI, S-Video, SDI, CVBS (BNC), YPbPr

- 4K 27" & 32" Professional Display Monitors
- Multiple Signal Interface
- Nano Fouling Resistant Coating
- Freeze, Purfication Requirement
- 3-Year Warranty

2021 PRODUCT LINEUP BROCHURE

ViewZ®
DRIVING VISUAL INNOVATION

ViewZ USA
177 W. Orangethorpe Ave.,
Placentia, CA 92870

Sales
E sales@viewzusa.com
T 1-714-996-1177
F 1-714-996-1138
TF 1-888-99-ViewZ
S Monday-Friday 7am - 5pm

Technical Support
E techsupport@viewzusa.com
T 1-714-996-1177
S Monday-Friday 8am - 5pm

PROFESSIONAL MONITORS

Grade "A" Panels, 24/7 Operation and 3 Year Factory Warranty

ViewZ monitors are built with commercial grade "A" panels that have superior color reproduction and much higher reliability. Built to run 24/7, ViewZ monitors are made to last and backed with 3 year factory warranty.

ViewZ and identifying product names and numbers herein are registered trademarks of ViewZ. All non-ViewZ brands and product names are trademarks or registered trademarks of their respective companies. Product appearance, build status, and/or specifications are subject to change without notice. Copyright © ViewZ. All rights reserved.

* Availability of product may vary by country / region.
* Product specifications in this brochure can change. Please confirm details on our website.

For more information, please visit
www.ViewZUSA.com