PDi®
Communication Systems, Inc

Persona PDi-P19™

All-in-One Interactive Healthcare-grade Arm Mounted Widescreen CCFL Patient Display

Model No. PDI-P19X, where:

X=A for Android™ **based device**
X=T for Android™ **with TV**
X=S for Windows® **OS with TV**
X=C for Windows® **based computer only**

The PDi-P19 is the most customizable, low-voltage, All-in-One patient monitor for the healthcare market. The P19 is compatible with leading interactive patient software systems having the flexibility to provide either an Android™ based operating platform or Windows® based operating system, both available with or without ATSC TV tuner.

This bedside capacitive touch screen CCFL monitor, with an 18.5" diagonal display, entices the patient to interact with a variety of education, information, and entertainment. Specific to how the facility staff configures this patient controlled device, patients can access the internet, patient portal or electronic discharge instructions, access facility resources and care provider "whiteboard" information, view prescribed educational content, play games, watch movies, video conference, engage with social media or simply enjoy HD television.

PDi only makes UL-Listed, Healthcare-TOUGH display technologies, and is the North American leader in low-voltage, arm-mounted patient systems. The P19 display is designed for infection control and is backwards compatible with many existing PDi swing arms in use today, weighing only 12 lbs.

HEALTHCARE TOUGH✓ PDi

19" Patient AIO Infotainment Display

PDi-P19™ Product Highlights:

- Multiple OS platforms for interactive patient systems

- ANDROID™ 4.3 or higher OS option offers touch screen computer and browser for complete multi-media entertainment, social connectivity and apps.

- Microsoft® Windows®, OS platform available with either I-3, I-5, or I-7

- ATSC TV tuner option with Pro:Idiom®/MPEG4 or use IPTV video content

- Securely mounted, low-voltage, low power consumption and easily powered over coax

- Camera and microphone standard

- Easy to clean, full glass front plus antimicrobial plastic reduces concern for infection control

- 2 USB ports allow patients to enjoy their own multimedia

- UL approved for hospital use in the US and Canada (UL/cUL 60065 Annex Q)

- Designed, tested and assembled in Springboro, Ohio USA by people who care

- Unit dimensions 20"W x 13-3/4"H x 2-1/2"D, 12 lbs.

- P19 mounts or retrofits to PDi swing arms, optional VESA mount

- 2-year warranty standard or upgrade to optional 4 year Gold Vision Service Plan

PDi Communication Systems, Inc.
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SPECIFICATIONS

Persona™ P19x	Android™ Based OS (No TV) Model PDi-P19A or PDi-P19AR- for VESA Mount	TV plus Android™ Based OS Model PDi-P19T or PDi-P19TR- for VESA Mount	Windows® Based OS (No TV) Model PDi-P19C or PDi-P19CR- for VESA Mount	TV plus Windows® Based OS Model PDi-P19S or PDi-P19SR- for VESA Mount
PANEL				
Diagonal Size	18.5"	18.5"	18.5"	18.5"
HDTV Compatible	No	No	No	No
Backlight Type	CCFL	CCFL	CCFL	CCFL
Display Resolution - TV / Android	Android 1280 x 720	TV 1366 x 768 / Android 1280 x 720	Computer 1280 x 720	TV 1366 x 768 / Computer 1280 x 720
Response Time	5 ms	5 ms	5 ms	5 ms
Panel Lamp Life	50K Hours	50K Hours	50K Hours	50K Hours
Color Range	16.7M	16.7M	16.7M	16.7M
HEALTHCARE-GRADE TV FEATURES				
Programmable Power On Source	No	Yes	No	Yes
USB Clone Programmable TV Settings	No	Yes	No	Yes
Pro:Idiom® / MPEG4 / MPEG2	No	Yes	No	Yes
Guide Menu Selection of Sources	No	Yes	No	Yes
Bed A/B / Factory Reset / Sleep Timer	No	Yes	No	Yes
Aspect Ratio Control (With Remote)	16:9, 14:9, 4:3, Panoramic 16:9	16:9, 14:9, 4:3, Panoramic 16:9	16:9, 14:9, 4:3, Panoramic 16:9	16:9, 14:9, 4:3, Panoramic 16:9
Keypad	Capacitive Touch	Capacitive Touch	Capacitive Touch	Capacitive Touch
Hand Grip	YES	YES	YES	YES
Protective Panel	YES, chemically strengthened	YES, chemically strengthened	YES, chemically strengthened	YES, chemically strengthened
COMPUTER FEATURES				
OS	Android 4.3 (Jelly Bean)	Android 4.3 (Jelly Bean)	MS Windows 7	MS Windows 7
CPU	Arm A9 Quad Core 1.2GHz	Arm A9 Quad Core 1.2GHz	Intel Atom Solo, 64 Bit, 1.46GHz	Intel Atom Solo, 64 Bit, 1.46GHz
GPU	2D & 3D accelerator	2D & 3D accelerator	HD Graphics	HD Graphics
Wifi	Optional 802.11b/g/n/ac	Optional 802.11b/g/n/ac	Optional 802.11b/g/n/ac	Optional 802.11b/g/n/ac
Ethernet	YES	YES	YES	YES
Touchscreen	Projected Capacitance	Projected Capacitance	Projected Capacitance	Projected Capacitance
RAM	1GB	1GB	1GB	1GB
Storage	8GB total. 3GB available for patient apps including up to 1GB for media files	8GB total. 3GB available for patient apps including up to 1GB for media files	4GB total; optional SATA HD	4GB total; optional SATA HD
Cloning APP for Android Settings	YES	YES	NO	NO
Camera/Microphone	YES	YES	YES	YES
VIDEO				
ATSC / Clear QAM / NTSC	No	Air VHF/UHF,CATV,IRC,HRC	No	Air VHF/UHF,CATV,IRC,HRC
Supported Formats	No	1080p/1080i/720p/480p/480i	No	1080p/1080i/720p/480p/480i
AUDIO				
Speakers	2@1-Watt RMS	2@1-Watt RMS	2@1-Watt RMS	2@1-Watt RMS
Analog / Digital	Mono/Stereo/SAP / Multilingual	Mono/Stereo/SAP / Multilingual	Mono/Stereo/SAP / Multilingual	Mono/Stereo/SAP / Multilingual
Front Headphone	YES, 1/8" stereo jack	YES, 1/8" stereo jack	YES, 1/8" stereo jack	YES, 1/8" stereo jack
HEALTHCARE SPECIFIC AUDIO FEATURES				
Audio Volume Limiter (AVL)	YES	YES	YES	YES
Internal Speaker Disable	YES	YES	YES	YES
Min/Max Volume Limiter	YES	YES	YES	YES
Start/ Power-on Volume	YES	YES	YES	YES
INPUT / OUTPUT CONNECTORS				
RF Input	No	YES	No	YES
USB Port	Yes	YES, Cloning, Firmware Updates and Multimedia Use (Movies, Music, Photos)	Yes	YES, Cloning, Firmware Updates and Multimedia Use (Movies, Music, Photos)
Micro USB	YES, Android Firmware Updates Only	YES, Android Firmware Updates Only	No	Optional
CCI / MTI	No	Yes	No	Yes
HDMI With HDCP	Yes	Yes	Yes	Yes
VGA Input / PC Audio Input	No	No	Yes	Yes
Component Video Input / Composite Input	No	No	No	Yes
Audio L/R Input	Optional	Optional	No	Yes
Internal SD Memory Card	Optional	Optional	Optional	No
Pillow Speaker Jack	No	No	Optional	Yes
POWER				
Source Power over Coax	Consumption Max 25W	Consumption Max 25W	Consumption Max 25W	Consumption Max 25W
Voltage Input	12 VDC	20-30VAC, 20-32VDC	12-24VDC	20-34VAC, 20-32VDC
PoE	No	No	Optional	N/A
REGULATORY				
Healthcare Grade UL60065	YES	YES	YES	YES
FCC	YES	YES	YES	YES
DIMENSIONS				
Weight Lbs. (Kg)	12 lbs. (5.5 kg)	12 lbs. (5.5 kg)	12 lbs. (5.5 kg)	12 lbs. (5.5 kg)
Unit dimension(W/H/D) Inches (cm)	20" x 13 3/4" x 2 1/2" (50.8cm x 34.9cm x 6.4cm)	20" x 13 3/4" x 2 1/2" (50.8cm x 34.9cm x 6.4cm)	20" x 13 3/4" x 2 1/2" (50.8cm x 34.9cm x 6.4cm)	20" x 13 3/4" x 2 1/2" (50.8cm x 34.9cm x 6.4cm)
WARRANTY				

Warranty 2yrs Standard. Available 4yr Gold Vision Service (GVS)

Design, features and specifications are subject to change without notice.

For more information contact your local distributor or please call:
1.800.628.9870

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