

Communication Systems, Inc

Persona<sup>™</sup> P15X
Healthcare-grade, Low Voltage,
Swing-arm LCD Television
OPTIONAL: Integrated DVD player or PC

The Persona™ P15X provides a solution for every facility's needs! The Persona™ P15X is available with multiple configurations including TV, DVD, or PC that allow patients to watch TV or DVD movies, listen to music, play digital media or games like Wii, Xbox, PlayStation, and is internet accessible allowing patients to "stay connected" via email access or other available online services.

The Persona™ personal arm-mounted patient entertainment sets by PDi allow easy access and control by patients. Patients can control channels, volume, access patient education and entertainment options through the keypad, integrated pillow speaker, sip and puff capability (sip and puff not available on DVD model), or utilize either the touch screen feature or wireless keyboard for the Persona ™ P15X with computer option! Easily control TV, DVD, and PC experience... just like home!





## Persona™ P15X Highlights:

- Great picture quality with 1024x768 display resolution, 15" screen size
- Sealed, anti-microbial membrane keypad for direct access controls
- No external mounts or cables required for the integrated DVD player or the integrated PC
- Easily accessible jack pack
- Clone programmable via USB allows ease in replicating settings
- Universal pillow speaker feature works with every brand nurse call system
- UL approved for hospital use in the US and Canada (UL/cUL 60065 Annex Q)
- Designed, tested, manufactured and assembled in Springboro, Ohio USA

## Swing-arm and Mounting Options:

- Mounts to PDi swing arm mounts model PDI-405C-12 or PDI-508C-12 or PDi wall, ceiling, chair, counter, table or floor mounts
- Persona<sup>™</sup> P15X can be retrofit to existing PDi wall or ceiling mounts
- PDi swing arm solutions can meet a variety of cabling needs including CAT 5/6, HDMI, or VGA.

## **SPECIFICATIONS**

MODEL	P15X TV ONLY	P15X TV + INTERNAL DVD	P15X TV + COMPUTER
PANEL			
Screen Size	15"	15"	15"
Aspect Ratio	4:3	4:3	4:3
Native Display Resolution	1024 x 768	1024 x 768	1024 x 768
Contrast Ratio	700:1	700:1	700:1
Viewing Angle	140°H / 125°V	140°H / 125°V	140°H / 125°V
Response Time	8ms	8ms	8ms
Color Depth	16.2M	16.2M	16.2M
Brightness	350 cd/m2	350 cd/m2	350 cd/m2
Backlight Lamp Life	50,000 hrs	50,000 hrs	50,000 hrs
OSD Language	English/French/Spanish	English/French/Spanish	English/French/Spanish
VIDEO BROADCASTING			
Analog (NTSC)	Air VHF/UHF,CATV,IRC,HRC	Air VHF/UHF,CATV,IRC,HRC	Air VHF/UHF,CATV,IRC,HRC
ATSC/ Clear QAM	Air VHF/UHF,CATV,IRC,HRC	Air VHF/UHF,CATV,IRC,HRC	Air VHF/UHF,CATV,IRC,HRC
MPEG4/Pro:Idiom	NO	NO	NO
Supported Formats	1080i/720p/480p/480i	1080i/720p/480p/480i	1080i/720p/480p/480i
AUDIO			
Speakers/Audio Output Power	2@2-Watt RMS	2@2-Watt RMS	2@2-Watt RMS
Analog Channels	Mono/Stereo/SAP	Mono/Stereo/SAP	Mono/Stereo/SAP
Digital Channels	Dolby®	Dolby®	Dolby®
Earphone	Yes	Yes	Yes
HEALTHCARE SPECIFIC FEATURES			
Audio Volume Limiter (AVL)	YES	YES	YES
Internal Speaker Disable	YES	YES	YES
Min/Max Volume Limiter	YES	YES	YES
Start/ Power-on Volume	YES	YES	YES
Selectable Pillow Speaker	+14VDC, +5VDC, OFF, -5VDC	+14VDC, +5VDC, OFF, -5VDC	OPTIONAL
Universal Pillow Speaker Recognition	YES	YES	OPTIONAL
Pillow Speaker Audio	YES	NO	OPTIONAL
Auto Power On	YES	YES	YES
Channel Enable/Disable	YES	YES	YES
Bed A/B	YES	YES	YES
Programmable Source Selection	YES	YES	YES
Direct Access Keypad, Sealed Antimicrobial	YES	YES	YES
Replaceable Anti-Scratch Screen Panel	YES	YES	YES
Cover			
Parental Control (V-CHIP)	YES	YES	YES
USB Clone Programmable	YES	YES	YES
CCI Port	YES	YES	OPTIONAL
Settop Box Interface Compatible (PD295- 001)	YES	YES	OPTIONAL
MTI Port	YES	NO	NO
Touch Screen Option	YES	YES	YES
Sleep Timer	YES	YES	YES
A/V INPUT/OUTPUT			
USB Port (Clone and Firmware Update)	YES	YES	YES
RF Input	YES	YES	YES
HDMI	YES	YES	YES
VGA Input	YES	YES	YES
PC Audio Input			
	YES	YES	YES
Audio L/R Input	YES	YES YES	YES YES
Audio L/R Input Digital Audio Output			
	YES NO	YES NO	YES NO
Digital Audio Output	YES	YES	YES
Digital Audio Output S-Video/Component Video/Composite Input	YES NO YES (ALL 3)	YES NO YES (ALL 3)	YES NO YES (ALL 3)
Digital Audio Output S-Video/Component Video/Composite Input CCI POWER	YES NO YES (ALL 3) YES (20-34 VAC 60 Hz & 20-32 VDC,	YES NO YES (ALL 3) YES (20-34 VAC 60 Hz & 20-32 VDC,	YES
Digital Audio Output S-Video/Component Video/Composite Input CCI POWER Source	YES NO YES (ALL 3) YES  20-34 VAC 60 Hz & 20-32 VDC, Diplexed over Coax	YES NO YES (ALL 3) YES  20-34 VAC 60 Hz & 20-32 VDC, Diplexed over Coax	YES NO YES (ALL 3) OPTIONAL  20-34 VAC 60 Hz & 20-32 VDC, Diplexed over Coax
Digital Audio Output S-Video/Component Video/Composite Input CCI POWER Source Max Consumption	YES NO YES (ALL 3) YES  20-34 VAC 60 Hz & 20-32 VDC, Diplexed over Coax 34W	YES NO YES (ALL 3) YES  20-34 VAC 60 Hz & 20-32 VDC, Diplexed over Coax 40W	YES NO YES (ALL 3) OPTIONAL  20-34 VAC 60 Hz & 20-32 VDC, Diplexed over Coax 50W
Digital Audio Output S-Video/Component Video/Composite Input CCI POWER Source Max Consumption Power Supply	YES NO YES (ALL 3) YES  20-34 VAC 60 Hz & 20-32 VDC, Diplexed over Coax	YES NO YES (ALL 3) YES  20-34 VAC 60 Hz & 20-32 VDC, Diplexed over Coax	YES NO YES (ALL 3) OPTIONAL  20-34 VAC 60 Hz & 20-32 VDC, Diplexed over Coax
Digital Audio Output S-Video/Component Video/Composite Input CCI POWER Source Max Consumption Power Supply REGULATORY	YES NO YES (ALL 3) YES  20-34 VAC 60 Hz & 20-32 VDC, Diplexed over Coax 34W Low voltage	YES NO YES (ALL 3) YES  20-34 VAC 60 Hz & 20-32 VDC, Diplexed over Coax 40W Low voltage	YES NO YES (ALL 3) OPTIONAL  20-34 VAC 60 Hz & 20-32 VDC, Diplexed over Coax 50W Low voltage
Digital Audio Output S-Video/Composite Input CCI POWER Source Max Consumption Power Supply REGULATORY UL/ <sub>6</sub> UL 60065 Annex Q	YES NO YES (ALL 3) YES  20-34 VAC 60 Hz & 20-32 VDC, Diplexed over Coax 34W Low voltage YES	YES NO YES (ALL 3) YES  20-34 VAC 60 Hz & 20-32 VDC, Diplexed over Coax 40W Low voltage YES	YES NO YES (ALL 3) OPTIONAL  20-34 VAC 60 Hz & 20-32 VDC, Diplexed over Coax 50W Low voltage YES
Digital Audio Output S-Video/Component Video/Composite Input CCI POWER Source Max Consumption Power Supply REGULATORY UL/ <sub>C</sub> UL 60065 Annex Q FCC	YES NO YES (ALL 3) YES  20-34 VAC 60 Hz & 20-32 VDC, Diplexed over Coax 34W Low voltage	YES NO YES (ALL 3) YES  20-34 VAC 60 Hz & 20-32 VDC, Diplexed over Coax 40W Low voltage	YES NO YES (ALL 3) OPTIONAL  20-34 VAC 60 Hz & 20-32 VDC, Diplexed over Coax 50W Low voltage
Digital Audio Output S-Video/Component Video/Composite Input CCI POWER Source Max Consumption Power Supply REGULATORY UL/ <sub>c</sub> UL 60065 Annex Q FCC ACCESSORY	YES NO YES (ALL 3) YES  20-34 VAC 60 Hz & 20-32 VDC, Diplexed over Coax 34W Low voltage  YES YES	YES NO YES (ALL 3) YES  20-34 VAC 60 Hz & 20-32 VDC, Diplexed over Coax 40W Low voltage  YES YES	YES NO YES (ALL 3) OPTIONAL  20-34 VAC 60 Hz & 20-32 VDC, Diplexed over Coax 50W Low voltage  YES YES
Digital Audio Output S-Video/Component Video/Composite Input CCI POWER Source Max Consumption Power Supply REGULATORY UL/ <sub>C</sub> UL 60065 Annex Q FCC ACCESSORY Quick Start Guide	YES NO YES (ALL 3) YES  20-34 VAC 60 Hz & 20-32 VDC, Diplexed over Coax 34W Low voltage  YES YES YES	YES NO YES (ALL 3) YES  20-34 VAC 60 Hz & 20-32 VDC, Diplexed over Coax 40W Low voltage  YES YES	YES NO YES (ALL 3) OPTIONAL  20-34 VAC 60 Hz & 20-32 VDC, Diplexed over Coax 50W Low voltage  YES YES
Digital Audio Output S-Video/Component Video/Composite Input CCI POWER Source Max Consumption Power Supply REGULATORY UL/ <sub>c</sub> UL 60065 Annex Q FCC ACCESSORY	YES NO YES (ALL 3) YES  20-34 VAC 60 Hz & 20-32 VDC, Diplexed over Coax 34W Low voltage  YES YES Available Online	YES NO YES (ALL 3) YES  20-34 VAC 60 Hz & 20-32 VDC, Diplexed over Coax 40W Low voltage  YES YES Available Online	YES NO YES (ALL 3) OPTIONAL  20-34 VAC 60 Hz & 20-32 VDC, Diplexed over Coax 50W Low voltage  YES YES Available Online
Digital Audio Output S-Video/Component Video/Composite Input CCI POWER Source Max Consumption Power Supply REGULATORY UL/_CUL 60065 Annex Q FCC ACCESSORY Quick Start Guide User Manual & Warranty Registration	YES NO YES (ALL 3) YES  20-34 VAC 60 Hz & 20-32 VDC, Diplexed over Coax 34W Low voltage  YES YES  Available Online PD108-421/PD108-420/	YES NO YES (ALL 3) YES  20-34 VAC 60 Hz & 20-32 VDC, Diplexed over Coax 40W Low voltage  YES YES  Available Online PD108-421/PD108-420/	YES NO YES (ALL 3) OPTIONAL  20-34 VAC 60 Hz & 20-32 VDC, Diplexed over Coax 50W Low voltage  YES YES  Available Online PD108-421/PD108-420/
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Digital Audio Output S-Video/Component Video/Composite Input CCI POWER Source Max Consumption Power Supply REGULATORY UL/_CUL 60065 Annex Q FCC ACCESSORY Quick Start Guide User Manual & Warranty Registration	YES NO YES (ALL 3) YES  20-34 VAC 60 Hz & 20-32 VDC, Diplexed over Coax 34W Low voltage  YES YES  Available Online PD108-421/PD108-420/	YES NO YES (ALL 3) YES  20-34 VAC 60 Hz & 20-32 VDC, Diplexed over Coax 40W Low voltage  YES YES  Available Online PD108-421/PD108-420/ PD108-412 DVD+/-RW, DVD-R, CD, CD-R, CD_RW, MP3, WMA, JPEG,	YES NO YES (ALL 3) OPTIONAL  20-34 VAC 60 Hz & 20-32 VDC, Diplexed over Coax 50W Low voltage  YES YES  Available Online PD108-421/PD108-420/
Digital Audio Output S-Video/Component Video/Composite Input CCI POWER Source Max Consumption Power Supply REGULATORY UL/ <sub>C</sub> UL 60065 Annex Q FCC ACCESSORY Quick Start Guide User Manual & Warranty Registration IR Patient Remote //R Program Remote	YES NO YES (ALL 3) YES  20-34 VAC 60 Hz & 20-32 VDC, Diplexed over Coax 34W Low voltage  YES YES  Available Online PD108-421/PD108-420/ PD108-412	YES NO YES (ALL 3) YES  20-34 VAC 60 Hz & 20-32 VDC, Diplexed over Coax 40W Low voltage  YES YES  Available Online PD108-421/PD108-420/ PD108-412 DVD+/-RW, DVD-R, CD, CD-R,	YES NO YES (ALL 3) OPTIONAL  20-34 VAC 60 Hz & 20-32 VDC, Diplexed over Coax 50W Low voltage  YES YES Available Online PD108-421/PD108-420/ PD108-412 NO
Digital Audio Output S-Video/Component Video/Composite Input CCI POWER Source Max Consumption Power Supply REGULATORY UL/ <sub>C</sub> UL 60065 Annex Q FCC ACCESSORY Quick Start Guide User Manual & Warranty Registration IR Patient Remote //R Program Remote	YES NO YES (ALL 3) YES  20-34 VAC 60 Hz & 20-32 VDC, Diplexed over Coax 34W Low voltage  YES YES  Available Online PD108-421/PD108-420/ PD108-412	YES NO YES (ALL 3) YES  20-34 VAC 60 Hz & 20-32 VDC, Diplexed over Coax 40W Low voltage  YES YES  Available Online PD108-421/PD108-420/ PD108-412 DVD+/-RW, DVD-R, CD, CD-R, CD_RW, MP3, WMA, JPEG,	YES NO YES (ALL 3) OPTIONAL  20-34 VAC 60 Hz & 20-32 VDC, Diplexed over Coax 50W Low voltage  YES YES Available Online PD108-421/PD108-420/ PD108-412 NO INTEL 1.6GHz dual-core, Linux / Windows XP OS, 160G HDD, 1GB
Digital Audio Output S-Video/Component Video/Composite Input CCI POWER Source Max Consumption Power Supply REGULATORY UL/ <sub>c</sub> UL 60065 Annex Q FCC ACCESSORY Quick Start Guide User Manual & Warranty Registration IR Patient Remote //R Program Remote DVD  IPTV COMPUTER	YES NO YES (ALL 3) YES  20-34 VAC 60 Hz & 20-32 VDC, Diplexed over Coax 34W Low voltage  YES YES  YES  Available Online PD108-421/PD108-420/ PD108-412 NO	YES NO YES (ALL 3) YES  20-34 VAC 60 Hz & 20-32 VDC, Diplexed over Coax 40W Low voltage  YES YES  Available Online PD108-421/PD108-420/ PD108-412 DVD+/-RW, DVD-R, CD, CD-R, CD_RW, MP3, WMA, JPEG, MPEG4	YES NO YES (ALL 3) OPTIONAL  20-34 VAC 60 Hz & 20-32 VDC, Diplexed over Coax 50W Low voltage  YES YES Available Online PD108-421/PD108-420/ PD108-412 NO INTEL 1.6GHz dual-core, Linux /
Digital Audio Output S-Video/Component Video/Composite Input CCI POWER Source Max Consumption Power Supply REGULATORY UL/ <sub>c</sub> UL 60065 Annex Q FCC ACCESSORY Quick Start Guide User Manual & Warranty Registration IR Patient Remote //R Program Remote DVD  IPTV COMPUTER UNIT CHARACTERISTICS	YES NO YES (ALL 3) YES  20-34 VAC 60 Hz & 20-32 VDC, Diplexed over Coax 34W Low voltage  YES YES YES Available Online PD108-421/PD108-420/ PD108-412 NO NO	YES NO YES (ALL 3) YES  20-34 VAC 60 Hz & 20-32 VDC, Diplexed over Coax 40W Low voltage  YES YES  YES  Available Online PD108-421/PD108-420/ PD108-412 DVD+/-RW, DVD-R, CD, CD-R, CD_RW, MP3, WMA, JPEG, MPEG4  NO	YES NO YES (ALL 3) OPTIONAL  20-34 VAC 60 Hz & 20-32 VDC, Diplexed over Coax 50W Low voltage  YES YES Available Online PD108-421/PD108-420/ PD108-412 NO INTEL 1.6GHz dual-core, Linux / Windows XP OS, 160G HDD, 1GB DDR2 Memory
Digital Audio Output S-Video/Component Video/Composite Input CCI POWER Source Max Consumption Power Supply REGULATORY UL/ <sub>c</sub> UL 60065 Annex Q FCC ACCESSORY Quick Start Guide User Manual & Warranty Registration IR Patient Remote //R Program Remote DVD  IPTV COMPUTER	YES NO YES (ALL 3) YES  20-34 VAC 60 Hz & 20-32 VDC, Diplexed over Coax 34W Low voltage  YES YES  YES  Available Online PD108-421/PD108-420/ PD108-412 NO	YES NO YES (ALL 3) YES  20-34 VAC 60 Hz & 20-32 VDC, Diplexed over Coax 40W Low voltage  YES YES  Available Online PD108-421/PD108-420/ PD108-412 DVD+/-RW, DVD-R, CD, CD-R, CD_RW, MP3, WMA, JPEG, MPEG4	YES NO YES (ALL 3) OPTIONAL  20-34 VAC 60 Hz & 20-32 VDC, Diplexed over Coax 50W Low voltage  YES YES Available Online PD108-421/PD108-420/ PD108-412 NO INTEL 1.6GHz dual-core, Linux / Windows XP OS, 160G HDD, 1GB

Design, features and specifications are subject to change without notice

## Persona™ P15X Healthcaregrade, LCD TV with optional integrated DVD player



- Convenient built-in DVD controls via front keypad
- Multimedia format allows access to movies, music, and photos
- No external mounts or cables needed for DVD player



Persona™ P15X Healthcaregrade, LCD TV with optional integrated touchscreen PC

- Built-in WIFI/Bluetooth compatible
- All connections are internal to TV and includes 2 USB inputs
- PC unit is self powered
- No external mounts or cables required for PC



2yr factory TV warranty standard or upgrade to 4yr GVS Plan. 1yr standard warranty on DVD player



P15X Jack Pack



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