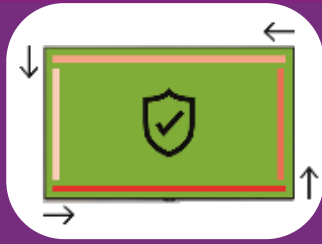




Scheduler is one of the many important properties of SoC. It lets setting up the opening and closing times of display and also holidays while switching to any video source. So you don't need to worry about the status of displays in any time.



Pixel shifting is designed to be activated inside the SoC in order to prevent for potential risk of image sticking, caused by constant content. With this feature turned on, pixels on the screen will move on small intervals while causing no interference of visual experience



This display have a protection for «NO SIGNAL». If the source is disconnected, the display will either show four customized banner or search for any other signal from video sources. since blank screen is worst case scenario for advertisements, failover is one of the critical feature in thesignage displays



The platform enables the users to control the displays using wide range of RS232 commands in a local Area Network or DSub9 connector

PROFESSIONAL UHD SIGNAGE DISPLAYS

PDU SERIES

- 1 . HDMI OUT
- 2 . HDMI IN 1
- 3 . DPIN
- 4 . DP OUT
- 5 . HP
- 6 . IR IN
- 7 . HDMI IN 2
- 8 . HDMI IN 3
- 9 . HDMI IN 4
10. Optical SPDIF
11. RJ12-Sensors
12. RJ12
13. Audio In L/R
14. DSUB9-RS232
15. VGA
16. RJ45
15. USB2
16. USB1
17. USB 2
18. USB 1



- * 4K HDMI @60Hz
- * Device ID
- * Professional design
- * Pixel shifting
- * USB auto play
- * Software Upgrade
- * Built in bluetooth
- * IP streaming support
- * USB information
- * OPS power control
- * Touch support
- * HTML5 API support
- * Boot-up picture
- * Videowall Settings
- * IR extender
- * HDMI CEC
- * Sensor compatibility
- * Startup volume
- * Menu lock
- * Detachable power cord
- * Display control
- * Display lifetime
- * Built-in connectivity
- * Signal failover
- * USB cloning
- * Start URL
- * Longer life span
- * Playlist creation
- * USB safe eject
- * Power-up mode
- * USB secure cover
- * HDMI wakeup
- * Temperature control
- * Daisychain
- * Button Lock
- * HDMI auto switch
- * Detachable log
- * Headphone volume
- * Color calibration
- * OSD rotation
- * Scheduler
- * Serial number
- * Built in Wifi
- * Input search
- * USB operations
- * OPS status
- * OPS support
- * SoC content management
- * Auto launch
- * Power on delay
- * Carrying handles
- * HDMI switching
- * Brightness scheduling
- * Volume limit
- * RCU lock
- * Improved UI

Model Name	PDU65UF82/4	PDU75UF83/4	PDU86UF80B/4	PDU98SF81B/4
Panel				
Screen Size	65"	75"	86"	98"
Panel Technology	IPS	IPS	IPS	SVA
Backlight Type	Direct-Type LED	Direct-Type LED	Edge-Type LED	ELED
Brightness (typical)	400 cd/m ²	400 cd/m ²	500 cd/m ²	500 cd/m ²
Native Resolution	3840 x 2160 (16:9) - UHD	3840 x 2160 (16:9) - UHD	3840 x 2160 (16:9) - UHD	3840 x 2160 (16:9) - UHD
Contrast Ratio (typical)	1200:1	1200:1	1200:1	4000:1
Dynamic Contrast Ratio	40000:1	40000:1	50000:1	50000:1
Panel Life Time (Min.)	50000 Hrs	50000 Hrs	50000 Hrs	50000 Hrs
Response Time (typical)	8 ms	8 ms	8 ms	6 ms
Active Area (H x V)	1428 mm (H) x 804 mm (V)	1650 x 928 mm	1899 x 1069 mm	2158 x 1214 mm
Pixel Pitch (H x V)	0.372 x 0.372 mm	0.429 x 0.429 mm	0.4935 x 0.4935 mm	0.5621 x 0.5621 mm
PPI (pixel per inch)	68	59	52	45
Viewing Angle	178° Vert., 178° Hor. (89U/89D/89L/89R) @ CR>10	178° Vert., 178° Hor. (89U/89D/89L/89R) @ CR>10	178° Vert., 178° Hor. (89U/89D/89L/89R) @ CR>10	178° Vert., 178° Hor. (89U/89D/89L/89R) @ CR>10
Color Value	1.07 B (10-bit)	1.07 B (10-bit)	1.07 B (10-bit)	16.7 M (8-bit)
Screen Treatment	3H	2H	2H	2H
Haze Level	1%	3%	3%	25%
Refresh Rate	60 Hz	60 Hz	74.25 MHz	60 Hz
Front Type	Ultra Narrow Bezel	Ultra Narrow Bezel	SNB	SNB
Orientation	Horizontal / Vertical	Horizontal / Vertical	Horizontal / Vertical	Horizontal / Vertical
Operation Hours	24/7	24/7	24/7	24/7
Area of Usage	Indoor	Indoor	Indoor	Indoor
Mainboard				
Mainboard Model	17MB135VS	17MB120DSR4-DSOPT7	17MB120DSR4-DSOPT7	17MB120DSR4-DSOPT7
Monitor Connectivity				
RGB Input	VGA(DE-15F)	VGA(DE-15F)	VGA(DE-15F)	VGA(DE-15F)
RGB Output	N/A	N/A	N/A	N/A
Video Input	4xHDMI2.0, 1xDPI.2a, 2xUSB2.0, USB2.0(Internal)	4xHDMI2.0, 1xDPI.2a, 2xUSB2.0, USB2.0(Internal)	4xHDMI2.0, 1xDPI.2a, 2xUSB2.0, USB2.0(Internal)	4xHDMI2.0, 1xDPI.2a, 2xUSB2.0, USB2.0(Internal)
Video Output	HDMI2.0, DPI.2a	HDMI2.0, DPI.2a	HDMI2.0, DPI.2a	HDMI2.0, DPI.2a
Audio Input	Line In L/R	Line In L/R	Line In L/R	Line In L/R
Audio Output	Headphone, Optic SPDIF	Headphone, Optic SPDIF	Headphone, Optic SPDIF	Headphone, Optic SPDIF
External Control	RS232(DE-9F), Ethernet(RJ45), Service(RJ12)	RS232(DE-9F), Ethernet(RJ45), Service(RJ12)	RS232(DE-9F), Ethernet(RJ45), Service(RJ12)	RS232(DE-9F), Ethernet(RJ45), Service(RJ12)
External Sensor	RJ12	RJ12	RJ12	RJ12
Mechanical				
Product Dimensions (WxDxH)	1459 x 99 x 853 mm	1684 x 100 x 967 mm	1975 x 103 x 1146 mm	2236 x 98 x 1292 mm
Package Dimensions (WxDxH)	1607 x 177 x 980 mm	1948 x 210 x 1170 mm	2163 x 318 x 1405 mm	2423 x 380 x 1563 mm
Product Weight	24.45 kg	37.2 kg	65.8 kg	102.3 kg
Package Weight	31.85 kg	50.2 kg	85.6 kg	126.7 kg
Vesa Mounting	400 x 400 mm - M6	600 x 400 mm - M6	600 x 400 mm - M6	900 x 600 mm
Bezel Width	B:21 mm T:15 mm L/R:15 mm	B:21 T:16 L/R:16 mm	B:38 T:38 L/R:38 mm	B:39 T:39 L/R:39 mm
Environmental Conditions				
Operating Temperature	0-40°C	0-40°C	0-40°C	0-40°C
Operating Humidity	10-90%	10-90%	10-90%	10-90%
Power				
Power Supply	110 VAC - 240 VAC - 50/60 Hz	110 VAC - 240 VAC - 50/60 Hz	110 VAC - 240 VAC - 50/60 Hz	110 VAC - 240 VAC - 50/60 Hz
Power Consumption				
Typical	TBD	223 W	254 W	498 W
Deep Standby	≤0.5W	≤0.5 W	≤0.5 W	≤ 0.5 W
Features				
Main Features	Open Content Management Support, Scheduler, USB-Auto-play, Auto-Launch, HDMI-CEC, HDMI-Wakeup, Auto-switch on Failover, Panel Lock	Open Content Management Support, Scheduler, USB-Auto-play, Auto-Launch, HDMI-CEC, HDMI-Wakeup, Auto-switch on Failover, Panel Lock, OSD Rotation, NoSignalPowerOff, Screen Saver, Pixel shift, Scheduler, Videowall support, remote control via LAN, Real Time Clock	Open Content Management Support, Scheduler, USB-Auto-play, Auto-Launch, HDMI-CEC, HDMI-Wakeup, Auto-switch on Failover, Panel Lock, OSD Rotation, NoSignalPowerOff, Screen Saver, Pixel shift, Scheduler, Videowall support, remote control via LAN, Real Time Clock	Open Content Management Support, Scheduler, USB-Auto-play, Auto-Launch, HDMI-CEC, HDMI-Wakeup, Auto-switch on Failover, Panel Lock, OSD Rotation, NoSignalPowerOff, Screen Saver, Pixel shift, Scheduler, Videowall support, remote control via LAN, Real Time Clock
Mechanical Features	Joystick, IR Extender Support, Rocker Switch, Detachable power cable, Carrying slots, Detachable logo positioning, Internal usb cover, Cable Holder	Joystick, IR Extender Support, Rocker Switch, Detachable power cable, Carrying slots, Detachable logo positioning, Internal usb cover, Cable Holder	Joystick, IR Extender Support, Rocker Switch, Detachable power cable, Carrying slots, Detachable logo positioning, Internal usb cover, Cable Holder	Joystick, IR Extender Support, Rocker Switch, Detachable power cable, Carrying slots, Detachable logo positioning, Internal usb cover, Cable Holder
Optional Features	OPS Compliance, IR Overlay Touch Compliance	OPS Compliance, IR Overlay Touch Compliance	OPS Compliance	OPS Compliance
Speaker	2 x 8 W	2 x 12 W	2 x 12 W	2x12W
Accessory				
Standard	QSG, Warranty Card, IB, Power Cord, Remote Control, RC Battery, Mounting Kit, Extension Brackets, IR Extender Cable	QSG, IB, Power Cord, Remote Control Unit, RC Battery, Mounting Kit, Extension Brackets, IR Extender Cable	QSG, IB, Power Cord, Remote Control Unit, RC Battery, Mounting Kit, Extension Brackets, IR Extender Cable	QSG, IB, Power Cord, Remote Control Unit, RC Battery, Mounting Kit, Extension Brackets, IR Extender Cable
Certification				
Safety	Yes	Yes	Yes	Yes
EMC	Yes	Yes	Yes	Yes
CB	Yes	Yes	Yes	Yes
CE	Yes	Yes	Yes	Yes

