

PWS-110PR1

Short-depth Production Control
Workstation



Overview

Provides live operational control of PWS-4500 in 4K and HD

The PWS-100PR1 is a 1RU short-depth production control workstation with pre-installed PWA-PRC1 Production Control Software. Together with the PWSK-4403 control panel, it provides an intuitive GUI for slow replay control and highlight editing on the PWS-4500 live server system, with a touch-panel capability. It has short-depth chassis that is 130mm / 5 inches shorter than its predecessor model.

Control of the PWS-4500

The PWS-110PR1 provides live operational control of the PWS-4500. It allows connection to the PWSK-4403 USB control device for live slow-motion operation and optional touch-screen monitor.

Shorter version of PWS-100PR1

The PWS-110PR1 is the replacement of the PWS-100PR1. It is equipped with a shorter-depth chassis that is 130mm / 5 1/4 inches shorter than its predecessor.

Features

GUI for slow replay control of the PWS-4500 live server system

The PWS-110PR1 provides a number of GUI modes for various

types of operation.

- Viewer Mode – to monitor all input and output signals on each port of the PWS-4500.
- 1-Device Mode and 2-Device Mode – the GUI is split into two areas: a clip management area and a signal view area.
- Playlist Mode – to make a playlist.
- Cut Out Mode – to operate HD Cut Out from a 4K signal.
- Clip Name Mode – to assist operators for entering clip names.

Touch-panel capability

The unit offers touch-panel capability for ease of use.

Short-depth chassis

The PWS-110PR1 has a short-depth chassis that is 130mm / 5 inches shorter than its predecessor PWS-100PR1.

Specifications

General

| | |
|-----------------------------|--------------------------------|
| Power requirement | 100V to 240V AC, 50/60 Hz |
| Power consumption - Max | 235W |
| Power consumption - Standby | 3W or lower |
| Operating temperature | 5 ~ 35 C (41 ~ 95 F) |
| Storage temperature | -20 ~ 55 C (-4 ~ 131 F) |
| Operating humidity | 20% to 90% (relative humidity) |

| | |
|-------------------------------------|---|
| Storage humidity | 75% or lower |
| Mass / weight | 10.2 kg (22 lb. 7.8 oz.) |
| Dimensions (width / height / depth) | 440 x 43.6 x 507 mm (17 3/8 x 1 3/4 x 20 inch) |

Inputs/Outputs

| | |
|--------------|---|
| LAN | RJ-45 x 2port (1000BASE-T, 100BASE-TX) |
| USB | <ul style="list-style-type: none"> - Super Speed USB (USB 3.0) Type A - Total 6 ports (2 on front and 4 on rear) - Front: Power delivery support (900 mA/port) - Rear: Power delivery support on bottom right port (900 mA), not supported on other three ports |
| HDMI | Type A, HDMI Version 1.4a, 1920x1200 maximum resolution, 60 Hz |
| Display Port | Display Port Version 1.1a, 2560 x 1600 maximum resolution, 60 Hz |
| | BNC x 2port, SMPTE-318M compliant, HD tri-level sync (0.6 |

| | |
|--------|---|
| REF IN | Vp-p/75 Ω/sync load) or SD black burst/composite sync (0.286 Vp-p/75 Ω/sync load) |
| SDI | 8 BNC ports HD: SMPTE-292M compliant SD: SMPTE-259M compliant |

PC Spec

| | |
|---------------|------------------------------|
| Processor | Intel Core i7-3770 (3.4 GHz) |
| Memory | 8 Giga Bytes |
| OS drive | m-SATA 60GB x 1 |
| Expansion bus | PCIe Gen2 8Lane (30 W) x 2 |

Related products



HDC-4300
4K/HD System Camera



PWS-110MG1
Short-depth Media Gateway Workstation



PWSK-4403
PWS-4403 Control Panel



PWS-100MG1
Media Gateway Workstation



BPU-4800
4K / HD baseband processor unit and



PWS-110CM1

UHFR server for HDC-
4800 system camera

Content Management
Station

Gallery

