



IT/IP Centric Live Video Processing Platform

AT-KC2000

IT/IP Platform "KAIROS" achieves higher performance by fully utilizing the power and flexibility of its CPU and GPU, balancing total processing load without the configuration constraints of traditional hardware based systems. KAIROS offers unrestricted flexibility of input, output and operation for efficient production of expressive live videos

Key Features

A variety of inputs and outputs available for use

Resolution and format independent

Layered structure for versatile video expression

Flexibility and scalability

ST 2022-7 Network Redundancy









AT-KC2000

https://latam.connect.panasonic.com/pa/en/products/broadcast-proav/kc2000

General - Operating Temperature 20 to 6 0°C		
Seneral - Operating Temperature Seneral - Operating Temperature Ceneral - Operating Humidity 10% to 90%, no condensation General - Operating Humidity 10% to 90%, no condensation General - Operating Humidity 10% to 90%, no condensation General - Operating Humidity 4 kU	General -> Power Requirement	AC IN x2, 100-127 V/200-240 V, 50/60 Hz
General - Storage Temperature -20 to 0 °C	General -> Current Consumption	10.0 A / 5.0 A
Commaria - Operating Humility 10% to 00%, no condensation	General -> Operating Temperature	5 to 35 ℃
Approx. 17 kg / 37.47 lb (without accessories & options)	General -> Storage Temperature	-20 to 60 °C
Accession	General -> Operating Humidity	10% to 90%, no condensation
General -> Dimensions	General -> Weight	Approx. 17 kg / 37.47 lb (without accessories & options)
Description	General -> Rack Mount Size	4 RU
General -> OS Unux Semeral -> Redundant Power Supply / Number of Video I/O -> Agile input / Number of Video I/O -> Smart Routing / *1 1.56 Number of Video I/O -> ST 2110 -> 46 in / 40 out *2 1.56 Number of Video I/O -> ST 2110 -> 46 in / 40 out *2 Number of Video I/O -> ST 2110 -> 46 in / 40 out *2 Number of Video I/O -> ST 2110 -> 46 in / 40 out *2 Number of Video I/O -> ST 2110 -> 48 in / 10 out *2 Number of Video I/O -> ST 2110 -> 48 in / 10 out *2 Number of Video I/O -> ST 2102-7 Number of Video I/O -> ST 2102-7 Number of Video I/O -> SDI -> 1.56 Number of Video I/O -> 1.56 Number of Video I	General -> Dimensions	W 430 mm x H 176 mm x D 505 mm (16-15/16 x 6-15/16 x 19-7/8 inches)(excluding
Searcal -> Redundant Power Supply		protrusion)
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	•	✓ TSL 5.0, Compatible with Panasonic PTZ Camera and AK-UC4000 4K Studio Camera.

SNMP Supported Standards and Protocols ->	
Supported Standards and Protocols ->	
*11 Video Format -> output -> 5:4 * ¹⁰ * ¹¹	29.97p, 25p, 24p, 23.98p 1280 x 1024 / 60p, 59.94p, 50p, 30p, 29.97p, 25p, 24p, 23.98p
Video Format -> output -> 16:10 *10	24p, 23.98p 1280 x 800, 1440 x 900, 1680 x 1050, 1920 x 1200, 3840 x 2400 / 60p, 59.94p, 50p, 30p
Video Format -> output -> 16:9 10 11	1366 x 768, 1600 x 900 7 60p, 59.94p, 50p, 30p, 29.97p, 25p, 24p, 23.98p 640 x 480, 1024 x 768, 1400 x 1050, 1600 x 1200 / 60p, 59.94p, 50p, 30p, 29.97p, 25p,
*11 Video Format -> output -> 16:9 * ¹⁰ * ¹¹	1366 x 768, 1600 x 900 / 60p, 59.94p, 50p, 30p, 29.97p, 25p, 24p, 23.98p
*11 Video Format -> output -> DCI 4K ^{*10}	2160 / 60p, 59.94p, 50p, 30p, 29.97p, 25p, 24p, 23.98p
*11	1080 / 60p, 59.94p, 50p, 30p, 29.97p, 25p, 24p, 23.98p
*11 Video Format -> output -> SD PAL ^{*10}	576 / 50i
Video Format -> output -> SD NTSC *1	
Number of Audio I/O -> ST 2110 *9	64 in / 40 out
Number of Video I/O -> HDM1 -> 3G Number of Video I/O -> HDMI -> 4K ^{*6}	
Number of Video I/O -> HDMI -> 1.5G *6 Number of Video I/O -> HDMI -> 3G *!	
	devices via IP networks. 7. Optional AT-SF005 is required.
	AMWA (Advanced Media Workflow Association) for controlling and managing
	ordeo Limited. 6. NMOS (Networked Media Open Specifications) is a protocol standardized by
	RossTalk, Ross and XPression, are trademarks or registered trademarks of Ross Video Limited.
	— — AT-KC200 32GB 31GB 30GB 29GB 28GB AT-KC200L1 — — — 32GB 32GB
	I/O boards are installed. SDI I/O boards Not installed 1 board 2 boards 3 boards 4 boards AT-KC2000 96GB 93GB 90GB 87GB 84GB AT-KC2000S1 86GB 83GB 80GE
	4. Please note that the max capacity of the RAM player reduces as below when SDI
	out by the dealer. Always consult your dealer for installation.
	boards on the AT-KC2000S1. The numbers of input/output shown here are the maximum numbers that can be loaded. Installation of the optional board is carrie
	FHD/HD). Up to four boards can be installed on the AT-KC2000/200 and up to two
	terminals, 4 output terminals and REF IN/OUT (max. 8 inputs/4 outputs in
	 Requires software version 1.6 or later. The optional AT-KC20M1 SDI I/O boards are required. Each board has 8 input
•	1. Requires software version 1.7 or later.
Footnote Description	NDI® is a registered trademark of Vizrt NDI AB in the United States and other countries.
Common Features of All Models -> Other Functions	Audio Mixer *7, Title Generator, Snapshot, Multiviewer Display (GPU Meter, Audio Level Meter, Clock, etc.), User Management Function *2
Color Mat	
Macro Common Features of All Models ->	Bicolor Wash Mat, Test Pattern
Common Features of All Models ->	Scene-Specific Macros, LUA Script Support
Common Features of All Models -> Transition	Multimix, Offset Transition, Transition Effects
Common Features of All Models -> Effect	Luminance Key, Chroma Key, DVE (2D/2.5D), Soft Border, Corner Fix, Color Correction, Crop
ST 2110	
AMP (Advanced Media Protocol) Supported Standards and Protocols ->	
NMOS *15 Supported Standards and Protocols ->	
TSL 5.0 Supported Standards and Protocols ->	
 Ross Talk ^{*14} Supported Standards and Protocols ->	
REST API Supported Standards and Protocols ->	✓ Optional AT-SFE01 is required.
Control of Panasonic PTZ Camera Supported Standards and Protocols ->	✓ Protocol, The command table is available from the PASS KAIROS Website.
Connectable Control Panel Tally, External Device Support -> PTZ	•
Compatible External Tally Box Tally, External Device Support ->	Total 16 units (AT-KC10C1G or AT-KC10C2G, each up to 8 units)
Tally, External Device Support ->	′

Supported Standards and Protocols -> ✓*17 HTML5 Graphics