



## IT/IP Centric Live Video Processing Platform

### AT-KC100

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

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A variety of inputs and outputs available for use

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Resolution and format independent

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Layered structure for versatile video expression

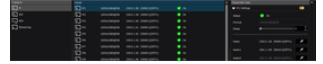
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Flexibility and scalability

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User-friendly interface

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## AT-KC100

<https://eu.connect.panasonic.com/fi/en/products/broadcast-proav/kc100>

### General

**Power Requirement** AC 100 V - 240 V, 50 Hz/60 Hz, 8 A - 4 A  
(Redundant)

**Operating Humidity** 5 to 35 degree Celsius

**Weight** 10% to 90% (no condensation)

**Dimensions (H x W x D)** Approx. 10.6 kg / 23.36 lb (body only)

### Video/Audio/Synchronous

#### Support Video Format

**4K** 2160/60p, 59.94p, 50p, 30p, 29.97p, 25p, 24p, 23.98p(Kairos Core 100 requires AT-SF001 4K option)

**FHD** 1080/60p, 59.94p, 50p, 30p, 29.97p, 25p, 24p, 23.98p1080/59.94i, 50i

**HD** 720/60p, 59.94p, 50p

**Signal Processing** Y/Pb/Pr: 4:2:2 10 bit

#### Audio Format

**ST 2110-30 (AES67)** 48 KHz/24 bit

#### Synchronous

**PTP Sync** Support for QSFP and GbE port

**FS (Frame Synchronize)** For each CH, always ON (can't turn off)

**Frame Delay** 0 frame to 12 frame, 1 frame step

**LAN** RJ-45 x 2, 1GbE (Control system, PTP sync, NDI®, RTP/SRT/RTMP/RTSP)

#### I/O Specification

##### IP

**QSFP** QSFP28 x 2, 100GbE (ST 2110, PTP sync)

##### Baseband

**Gateway Port** Custom Interface Connectors x 8, for Deltacast FLEX modules

**DisplayPort** DisplayPort 1.4 x 2, for Multiview output

**SDI** 12G-SDI, 3G-SDI x 3, Use of recommended products\*

3G-SDI x 4, Use of recommended products\*

**HDMI** HDMI 2.0 x 1, Use of recommended products\*

**DisplayPort \*** DisplayPort 1.2 x 1, Use of recommended products\*