

KQ7304CU

REAL-TIME 60FPS COLOR QUAD PROCESSOR



The KQ7304CU is a low cost, high-performance real-time, 60/50-field-per-second basic color quad processor designed for small video surveillance systems. This stand-alone unit offers advanced features such as PIP (picture-in-picture), freeze display, quadrant assign, sequential switching, video loss alarm, and password protected menus. It is part of Ultrak's line of professional digital processing products providing outstanding color reproduction for the most viewing-intensive applications.

The KQ7304CU advanced feature set as well as its user-friendly, on-screen-programmable menu makes it the most functionally flexible, small system basic quad video processor on the market.

- Real-time 60/50 fields/second
- Color QUAD display
- Auto detecting NTSC, PAL mode
- PIP (picture-in-picture) display
- Programmable camera skip in sequential mode
- Camera enable/disable feature by setup menu
- Eight character camera tilting
- Full-screen display
- On-screen display
- Screen freeze capability (quad/PIP/full screen)
- Video loss alarm
- User-friendly programmable menu
- Key lock/menu password enables
- Rack-mount kit (optional)
- Limited 3-year warranty



KQ7304CU

TECHNICAL SPECIFICATIONS

ELECTRICAL SPECIFICATIONS

Signal Format Interlace	NTSC : 525 lines / PAL: 625 lines, 2:1
Video Inputs	1.0 Vp-p 75 Ohms, BNC x 4 terminating
Video Output	1.0 Vp-p, 75 Ohms unbalanced, BNC, (on-screen display)
Pixel Resolution	720 x 480 pixels (NTSC) 720 x 576 pixels (PAL)
Shades of Gray	256
Colors	16.7 million
Display Rate	Real-time refresh rate (60 fields per second per quadrant)
Video Dwell	OFF, 01 to 99 seconds programmable
Video Loss Alarm	OSD Display ("L"), buzzer
Freeze Annunciation	OSD Display ("F")
Annunciation	Alarm buzzer (On/Off)
Camera Titles	8 characters per camera
Power Requirement	5 VDC / 2.0A

MECHANICAL SPECIFICATIONS

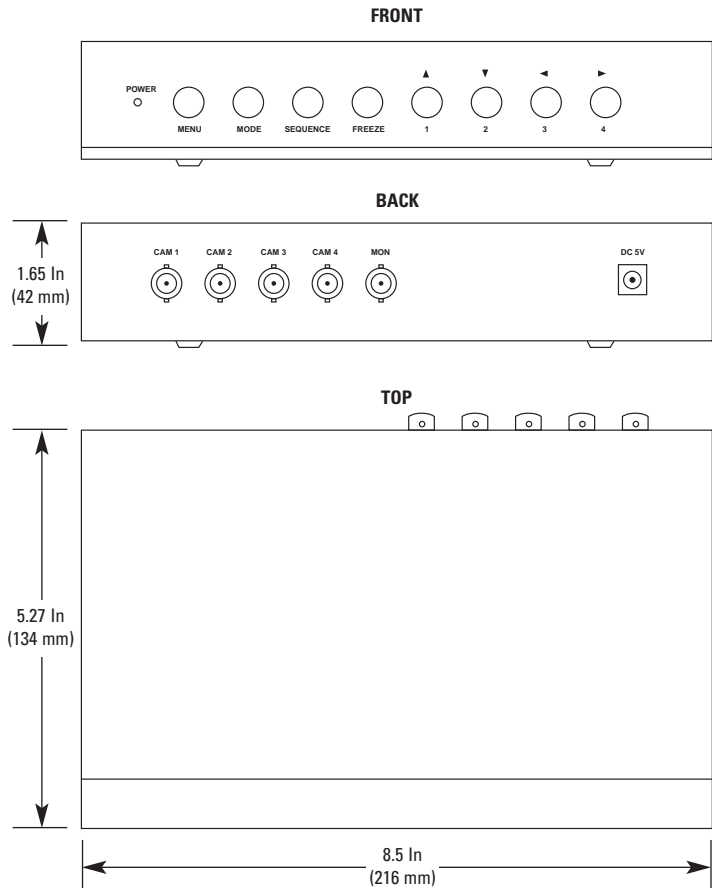
Dimensions	8.5W X 1.65H X 5.27D in (216W X 42H X 134D mm)
Weight	1.9 lbs (0.85kg)

ENVIRONMENTAL SPECIFICATIONS

Ambient Temp.	32°F to 95°F (0°C to 35°C)
Ambient Humidity	10% to 90% (non-condensing)

RECOMMENDED PART 2 SPECIFICATIONS

The color quad processor shall be an Ultrak® KQ7304CU or approved equal. The quad processor features shall have programmable sequential camera and dwell selection with camera skip, camera enable/disable, video loss alarm and PIP (picture-in-picture) display with quadrant assigning. It shall be auto detecting NTSC or PAL compatible. On-screen display programmable menus that are password protected, with freeze display in quad, PIP and full screen.



Design and specifications subject to change without notice.

Conversion: 1" = 25.4mm
Measurement conversions are approximate

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