

# KQ8300MN

*REAL-TIME BLACK-AND-WHITE QUAD PROCESSOR*



The KQ8300MN is a high performance, real-time 30 frame per second black-and-white quad processor designed for small video surveillance systems. This professional quad processor provides outstanding black-and-white reproduction for the most viewing intensive applications.

The KQ8300MN offers advanced features such as auto-freeze on video loss and auto-detect sequential switching. Additionally, it offers a new ergonomic tilted front panel making it easier for the operator to control.

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

- Real-time quad display
- Auto-detect four-position sequential switcher (Will not display blank screen)
- Individual programmable dwell times or skip for cameras and quad display
- Looping video
- Four alarm inputs and one Form-C alarm output
- Variable alarm hold time
- Ergonomic tilted front panel
- Time, date and camera titling
- Freeze capability in quad mode
- Auto-freeze capability saves last picture on video loss
- Quad, call and VCR outputs
- On-screen display and programmable menus
- Limited 3-year warranty



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## TECHNICAL SPECIFICATIONS

### ELECTRICAL

Signal Format	EIA, 525 lines
Video Inputs	1.0Vp-p, composite, 75 Ohm or high Z, auto terminating, BNC (4 x Camera, VCR)
Video Outputs	1.0Vp-p, composite, 75 Ohm, BNC (Quad, Call, VCR), 4 x looping camera
Digital Memory	512 x 480 pixels full screen
Gray Scale	256 shades of gray
Display Rate	Real time refresh rate (30 FPS)
Video Dwell	0 to 60 seconds individually programmable (0 = skip)
Alarm Inputs	4 x normally open, DB9
Alarm Outputs	Form "C" dry contact, DB9
Contact Rating	24V dc, 1 A
Power Input Reqs.	120 VAC +/- 10%, 60 Hz
Power Adapter Output	9V dc, 1 A
Power Consumption	5W (9V dc)

### MECHANICAL

Dimensions	15.5(W) x 1.75(H) x 13.1(D) inches (444.5 (W) x 44(H) x 334(D) mm)
Weight	7 lbs.

### RECOMMENDED CAMERAS

KC4400MN	1/3" CCD, 380 TVL, 0.1 lux, B/W camera with BLC, 24V power, and C/CS/backfocus cam
KC4500MN	1/3" CCD, 380 TVL (420 apparent), 0.05 lux, B/W camera with BLC, 12/24V switchable power, and C/CS/backfocus cam
KC6500MN	1/3" CCD, 570 TVL, 0.06 lux, B/W camera with BLC, 12/24V switchable power, and C/CS/backfocus cam

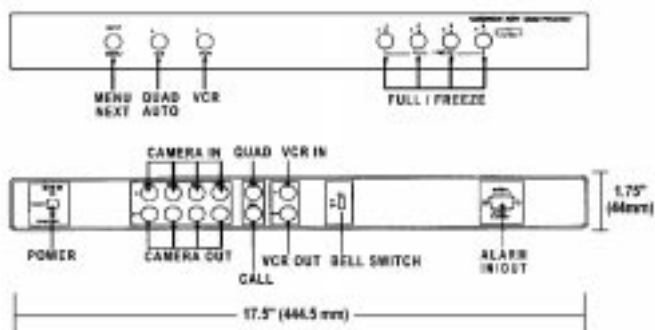
### RECOMMENDED MONITORS

KM0900MN	9" B/W multi-standard monitor
KM1200MN	12" B/W multi-standard monitor
KM1400MN	14" B/W multi-standard monitor
KM1700MN	17" High Perf. multi-standard B/W monitor with OSD
KM2000MN	20" High Perf. multi-standard B/W monitor with OSD

### RECOMMENDED VIDEO RECORDERS

VRE6008N	8-hour event recorder
KR7496U	24-hour virtual real-time/96-hour high-density recorder with time date search
KR7168U	24-hour virtual real-time/168-hour high-density recorder with time date search

KQ8300MN B&W QUAD PROCESSOR



Conversion: 1" = 25.4mm  
Measurement conversions are approximate

*Design and specifications subject to change without notice.*

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