

KM2000MN

20" HIGH-PERFORMANCE BLACK-AND-WHITE MONITOR WITH OSD



The KM2000MN is a 20" high-performance black-and-white monitor designed with advanced monochrome processing (AMP) technology for sharper black-and-white images. It is part of Ultrak's line of professional monitors with on-screen display (OSD). This professional monitor provides outstanding black-and-white reproduction for the most viewing-intensive surveillance applications.

With 900 lines of resolution, this large-screen, high-performance monitor allows the user to adjust the picture's characteristics such as sharpness, contrast and brightness through the user-friendly OSD interface to maximize picture quality. The unit's over/underscan feature allows maximum utility with multiplexing systems.

This monitor by Ultrak provides multiple video channels, automatic multi-standard adaptation and unsurpassed picture quality.

- **Advanced monochrome processing technology**
- **High performance – 900 TVL horizontal**
- **On-screen display (OSD) controls in five languages**
- **2-channel video input – A/B (composite) with independent settings**
- **1-channel audio input**
- **Automatic EIA/CCIR scan system select**
- **Universal power (100 to 240V ac) with detachable power cord**
- **Over/underscan switchable on front**
- **Auto termination BNC connector**
- **Sharpness, H-position, V-position controls through OSD**
- **DC restored video**
- **19" standard rack mount available**
- **Limited 2-year warranty, 90-day limited warranty on CRT**



KM2000MN

TECHNICAL SPECIFICATIONS

ELECTRICAL SPECIFICATIONS

Horizontal Resolution	900 TV lines (average)
Scan System	EIA/CCIR automatic selectable
Scanning Frequency	
Horizontal	15.75 KHz for EIA/15.625 KHz for CCIR
Vertical	60 Hz for EIA/50 Hz for CCIR
Video In/Out	
Video A/B	EIA/CCIR composite video: 1.0 Vp-p; 75Ω/Hi-Z auto terminating
Audio I/O	300 mVrms/1W
Active Display Area	7% overscan, 3% underscan switchable
Linearity	
Horizontal	10% max
Vertical	10% max
Geometric Distortion	2.5% max
Power Source	100 to 240V ac, 60/50 Hz (universal power)
Power Cord	Detachable
Power Consumption	45W

MECHANICAL SPECIFICATIONS

Picture Tube	
CRT Tube	20" diagonal
Deflection	114° angle
Rear Connectors	
Video A/B In/Out	BNC connector x 4, auto termination
Audio In/Out	RCA phone connector x 2
Power Cord	Detachable, IEC
Front Controls	
Front Menu Button	Volume, contrast, brightness, sharpness, color, tint, ver. position, hor. position, language selection (English, French, Spanish, German, Italian)
Menu Selector	Bar adjust control
Video Selector	Push-button switch for A/B (LED green)
Under/Over Scan	Push-button On/Off switch (LED green)
Power	Push-button On/Off switch (LED green)
Speaker	Yes (front lower left)
Dimensions	17.5W x 17.4H x 15.1D in (445W x 441H x 384D mm)
Weight	38.94 lbs. (17.7 Kg)

ENVIRONMENTAL SPECIFICATIONS

Ambient Temperature	32°F to 104°F (0°C to + 40°C)
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All specifications and designs subject to change without notice.

RECOMMENDED CAMERAS

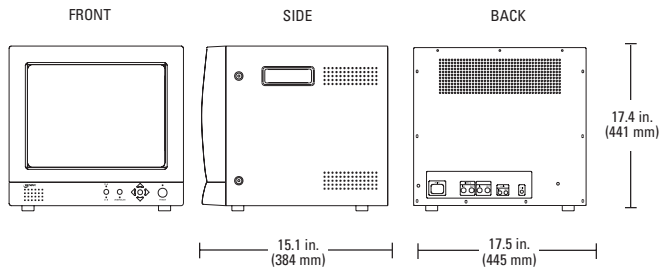
KC4500MN	1/3" CCD, 380 TVL, .05 lux @ F1.2, B&W camera with BLC, 12V dc/24V ac switchable power and C/CS/back-focus ring
KC6500MN	1/3" CCD, 570 TVL, .06 lux @ F1.2, B&W camera with BLC, 12V dc/24V ac switchable power and C/CS/back-focus ring

RECOMMENDED VIDEO RECORDERS

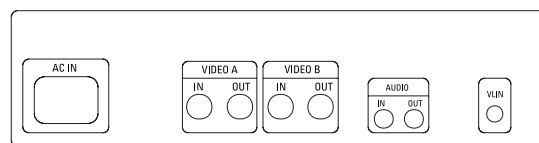
VRE6008N	8-hour event recorder
KR7424U	24-hour time-lapse recorder
KR7496U	24-hour virtual real-time/96-hour high-density recorder with time/date search
KR7168U	24-hour virtual real-time/168-hour high-density recorder with time/date search

OPTIONS

MA2000GR	19" rack mount for KM2000MN 20" B&W monitor (10U)
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BACK DETAIL



Design and specifications subject to change without notice.

Conversion: 1" = 25.4mm
Measurement conversions are approximate

Ultrak Worldwide Support Center:

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