

KM2000MP

20" high performance black and white monitor with on-screen display

Ultrak professional CCTV monitors are designed and manufactured by Ultrak to provide security professionals with the best combination of high performance, ease of installation and competitive cost.

The KM2000MP is a high performance 20" black and white monitor designed for all levels of video surveillance applications. It forms part of Ultrak's line of professional monitors with intuitive on-screen display (OSD) for easy set-up. With 900 lines resolution it provides outstanding black and white reproduction in a multi-standard, auto-switching, PAL or NTSC format. It features multiple video and audio channels and standard IEC power cord, either Euro or UK plugged, with universal auto switching power supply (90-264VAC) to suit all demands.

The on-screen display allows the user to adjust the picture sharpness, contrast and brightness optimising picture quality. The monitors over/under scan feature also gives maximum effectiveness when used with multiplexing systems.

Features:

- High performance 900 TVL
- On-screen display (OSD)
- 2-channel video input – A/B (composite)
- 1-channel audio input
- Universal power (90VAC to 264V AC) with detachable power cord
- Automatic NTSC/PAL scan system selectable
- Under/over scan switchable on front
- Auto termination BNC connector
- Sharpness, H-position, V-position controls on front
- DC restored video
- 19" rack mountable
- Limited 2-year warranty (90 days for CRT)



KMSER

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South Africa - United Kingdom - United States of
America - Australia - France - Germany - Italy -
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KM2000MP

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 Vpk-pk 75Ω/Hi-Z Auto term
Audio In/Out	300 mV rms / 1W
Active Display Area	7% overscan, 3% underscan switchable
Linearity	
Horizontal	10% max
Vertical	10% max
Geomagnetic Distortion	2.5% max
Power Source	AC90– 264V, 50/60 Hz (universal power)
Power Cord	detachable IEC
Power Consumption	45 W

MECHANICAL SPECIFICATIONS

Picture Tube	
CDT Tube	20" diagonal,
Phosphor	P4
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

MECHANICAL SPECIFICATIONS (continued)

Front Controls	
Front Menu Button	Volume, contrast, brightness, sharpness, vertical position, horizontal position, language selection (English, French, Spanish, German & Italian).
Menu Selector	Bar adjust control
Video A/B Selector	A/B Push-button switch (LED green)
Under/Over Scan	Push-button switch (LED green)
Power	Push-button On/Off switch (LED green)
Dimensions	445(W) x 441(H) x 384(D) mm (17.51" x 17.36" x 15.12")
Weight	17.7 kg (38.94 lbs.)

ENVIRONMENTAL SPECIFICATIONS

Ambient Temperature	0°C ~ + 40°C
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RECOMMENDED CAMERAS

KC4500MP	1/3" CCD, 380 TVL, 0.05 lux, black and white camera with BLC, 12/24V switchable power, and C/CS/ Back-Focus cam
KC6500MP	1/3" CCD, 570 TVL, 0.06 lux, black and white camera with BLC, 12/24V switchable power, and C/CS/Back-Focus cam

RECOMMENDED VIDEO RECORDERS

KR7424E	24-hour time-lapse recorder
KR7496E	24-hour virtual real-time/96-hour high density recorder with time date search

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Every effort has been made to ensure that all the information in this document was correct at the time of going to press. However we are constantly striving to improve our range wherever possible and therefore reserve the right to change the specification of any product without prior notice.

