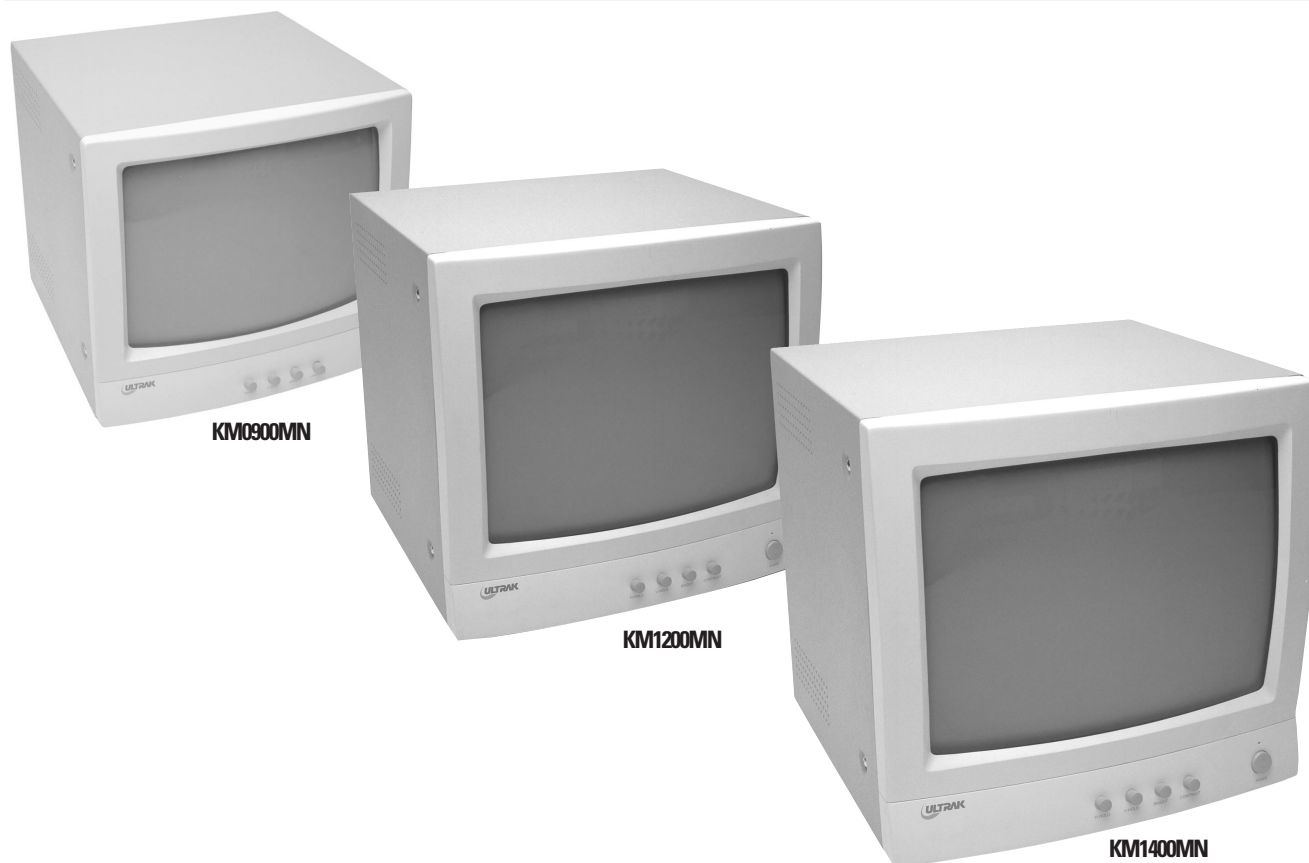


# KM0900MN, KM1200MN, KM1400MN

**HIGH RESOLUTION BLACK-AND-WHITE VIDEO MONITORS**



The Ultrak® line of high-resolution monochrome monitors is designed to provide crisp clear images in an ergonomic, user friendly design. The 9", 12" and 14" units each provide 800 lines of resolution and continue the tradition of value and reliability the security industry has come to expect from Ultrak®.

Each unit is multi-standard and will work in either EIA or CCIR applications. The units are sold with an IEC power cord as the standard for the North American market, and with a simple switch selection and cable change can be used in CCIR markets

All three models can be mounted in a standard 19" rack-mount. Rack mounts are available for all three sizes.

- Multi-standard EIA/CCIR switchable
- Universal switching power supply, 100V to 240V ac
- > 800 lines of resolution
- Video loop through
- Auto Termination
- 90° deflection-angle picture tube
- Rack mountable metal cabinet
- Easy to use front panel rotary knobs
- Low power consumption
- UL listed, FCC approved
- Optional 19" rack mounts available
- 2-year limited warranty, 90-day limited warranty on CRT



# KM0900MN, KM1200MN, KM1400MN

## TECHNICAL SPECIFICATIONS

### ELECTRICAL

Horizontal Resolution	800 TV lines (average)
Scan System	EIA/CCIR switchable
Scanning Frequency	
Horizontal	15.75 KHz for EIA/15.625 KHz for CCIR
Vertical	60Hz for EIA/50Hz for CCIR
Video In/Out	EIA/CCIR composite video: 1.0 Vp-p; 75Ω/Hi-Z auto terminating
Power Source	100 to 240V ac. 60/50 Hz (universal power)
Power Cord	Detachable, IEC
Power Consumption	18W

### MECHANICAL

Picture Tube	
KM0900MN CRT Tube	9" diagonal (8 3/4" viewing area)
KM1200MN CRT Tube	12" diagonal (11 5/8" viewing area)
KM1400MN CRT Tube	14" diagonal (12 5/8" viewing area)
Deflection	90° angle
Rear Connectors	
Video In/Out	BNC connector x 2, auto termination
EIA/CCIR	Switch
Power Cord	Detachable, IEC
Front Controls	
H-Hold	Rotary knob
V-Hold	Rotary knob
Brightness	Rotary knob
Contrast	Rotary knob
Power	Push-button On/Off switch (LED green)
Dimensions KM0900MN	8.7W x 9.3H x 10.0D in (220W x 237H x 254D mm)
Dimensions KM1200MN	12.0W x 11.3H x 11.9D in (305W x 286H x 302D mm)
Dimensions KM1400MN	12.9W x 12.6H x 11.9D in (328W x 320H x 303D mm)
Weight	KM0900MN - 9.9lbs. (4.51 Kg)
	KM1200MN - 16.2lbs. (7.35 Kg)
	KM1400MN - 18.3lbs. (8.3 Kg)

### ENVIRONMENTAL SPECIFICATIONS

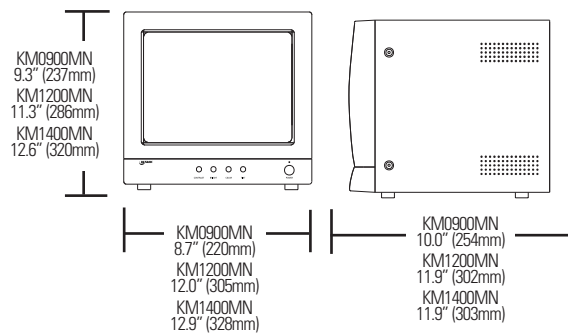
Ambient Temperature	32°F - 104°F (0°C - 40°C)
Humidity	10% - 90% non-condensing

### OPTIONS

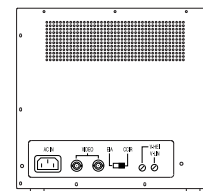
MA0900GR	19" optional single or dual mount for KM0900MN 9" B&W monitor (6U)
MA1200GR	19" optional rack mount for KM1200MN 12" B&W monitor (7U)
MA1401GR	19" optional rack mount for KM1400MN 14" B&W monitor (8U)
MA1417GR	Monitor mount for all Ultrak® 14-17" monitors
MA09MMGR	Monitor mount for all Ultrak® 9" monitors
MAWB180G	Wall bracket for MA1417GR and MA21MMGR mounts

Design and specifications subject to change without notice

### KM0900MN, KM1200MN, KM1400MN



### BACK DETAIL



### RECOMMENDED PART 2 SPECIFICATIONS

The monitor shall be a multi-standard EIA/CCIR model KM0900MN (9-inch), KM1200MN (12-inch) or KM1400MN (14-inch), or approved equal. The monitor shall have horizontal resolution of greater than 800 horizontal TVL measured at center and looping, auto terminated BNC input/output connectors. The monitor shall have front panel controls: H-hold, V-hold, brightness, contrast, and power; and back panel controls: V-height and V-linearity. The monitor shall be capable of rack mounting in a standard 19" EIA rack.

Conversion: 1" = 25.4 mm  
Measurement conversions are approximate

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