

14" COLOR OBSERVATION SYSTEM

K03140

The K03140 color observation system provides a low cost solution for closed circuit television and security surveillance. The observation system includes a durable 14" color monitor and 1/3" CCD color camera.

The system allows audio/video signal from camera #1 to be sent to a secondary monitor or VCR. Up to four KC-2A cameras can be used with this system. (lenses not included)

The K03140 also has roll-free switching which deters any picture-roll on the monitor screen when switching from one KC-2A camera to the next. It also has auto-skip, which, will automatically skip any unused camera position.

System comes with the following

- K03140 monitor
- KC-2A camera (lens not included)
- KO-500 camera stand (mounting hardware not included)
- KO-60 camera cable



FEATURES

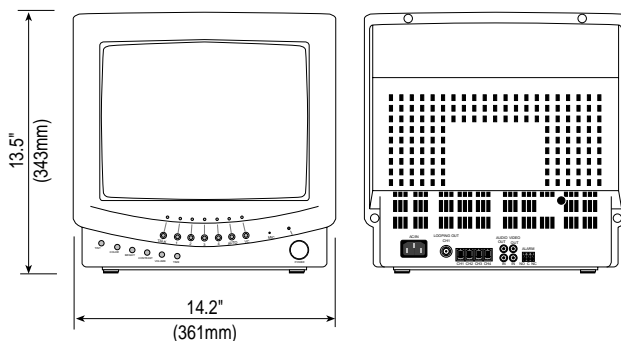
The K03140 color monitor features:

- Full screen display of one camera at a time
- Automatic sequential switching from one camera to the next in the full screen mode
- Variable dwell time adjustment, from one to 60 seconds.
- Alarm inputs for each camera
- Audible alarm which can be switched off
- VCR audio input/output for audio and video recording from each camera location and playback to the monitor

The KC-2A color camera features:

- 1/3" interline transfer CCD image sensor
- Supports standard CS- and C-mount lens
- Equipped with electronic iris
- Compatibility with video auto-iris lens
- Excellent picture quality
- 2-year limited warranty

K03140



K03140

TECHNICAL SPECIFICATIONS

MONITOR SPECIFICATIONS

ELECTRICAL

Screen Size:	14" diagonal (13.3" visible)
Resolution	400 Lines at center
Switching Time	1-60 seconds (adjustable)
Input Signal	NTSC 525 lines, 1.0Vp-p, Sync. Negative (X4)
Input Impedance	75 Ohms (or HI-Z looping on camera 1)
DC Voltage Output	15V dc to cameras (X4) (RJ-11-E)
Alarm Output	Form "C" dry contact
Power Requirements	120V ac \pm 10%, 60Hz \pm 1%
Power Consumption	95W (120V ac)

MECHANICAL

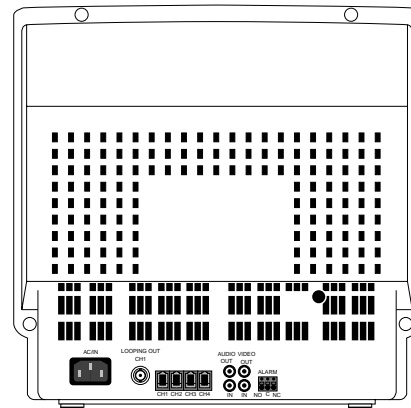
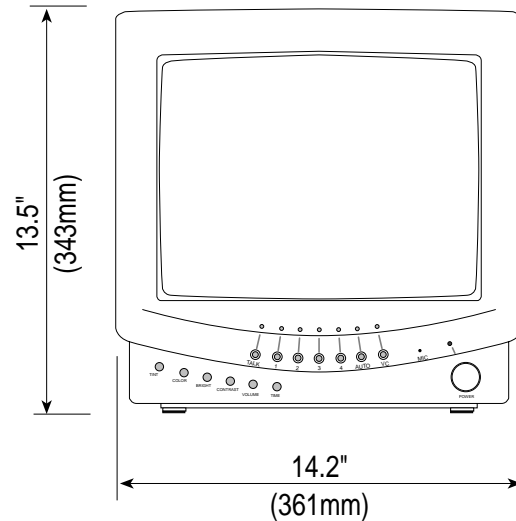
Ambient Temperature	32F - 104F (0C - 40C)
Ambient Humidity	10% - 90% (non-condensing)

GENERAL

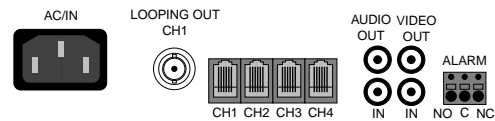
Dimensions	14.2W x 13.5H x 14.5D in (361W x 343H x 368D mm)
Weight	21.6 lbs (9.9kg) monitor only 1.7 lbs (647g) cable 3 oz (89g) mount

Design and specifications subject to change without notice.

K03140



BACK PANEL



Conversion: 1" = 25.4 mm
Measurement conversions are approximate

TECHNICAL SPECIFICATIONS

KC-2A COLOR OBSERVATION CAMERA

ELECTRICAL

Image Sensor	1/3" interline transfer color CCD
Active Pixels	512H x 492V
Image Sensor Area	4.9mm H x 3.7mm V
Resolution	330 horizontal TV lines
Minimum Illumination	2.0 lux (F1.2, 50% IRE)
S/N	> 46dB, (AGC off)
White Balance	Auto
Gamma Correction	0.45
AGC	Internal, automatic
Electronic Iris	Selectable, on/off
Auto-Iris	Video-type (3-position terminal strip)
Sync System	External (from observation monitor)
Signal Format	NTSC, 525 lines, 2:1 interlace
Scanning Frequency	15.734kHz (H)
Video Output	1.0Vp-p, negative sync., 75 Ohms unbalanced (BNC) (RJ-11-E)
Audio Output	Line level (RJ-11-E)
Power Requirements	15V dc (RJ-11-E)
Power Consumption	5W (5.5W max. with auto-iris)

MECHANICAL

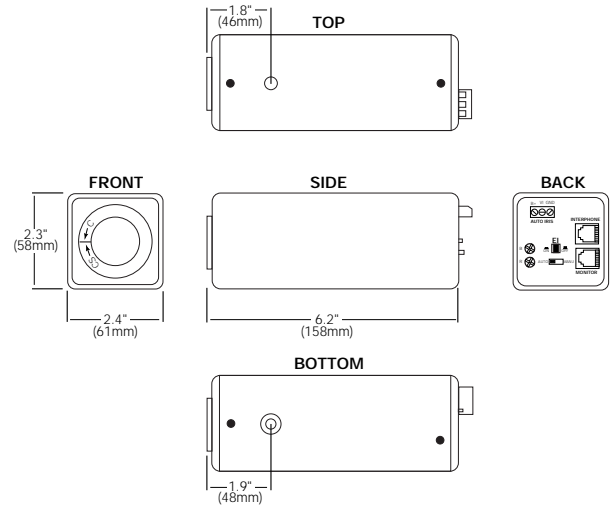
Lens Mount	C/CS mount (adjustable back focus ring)
Camera Mount	Universal mount, adjustable head
Cable	PVC 60' with RJ-11-E
Max. Distance to Camera	300' (RJ-11-E) (further with line amp)
Dimensions	2.4W x 2.3H x 6.2L in (61W x 58H x 158L mm)
Weight	1 lb 5 oz (0.6kg)

GENERAL

Ambient Temperature	32°F - 95°F (0°C - 35°C)
Ambient Humidity	0% - 90% (non-condensing)

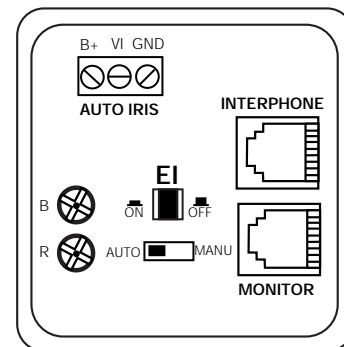
Design and specifications are subject to change without notice.

KC-2A



Conversion: 1" = 25.4mm
Measurement conversions are approximate

BACK DETAIL



Ultrak Corporate Headquarters and Eastern Regional Office:

1301 Waters Ridge Drive
Lewisville, TX 75057
(800)796-2288 (972)353-6400 Fax (972)353-6670

Ultrak Western Regional Office:

6252 West 91st Avenue
Westminster, CO 80030
(800)846-8884 (303)428-9480 Fax (303)429-6609

