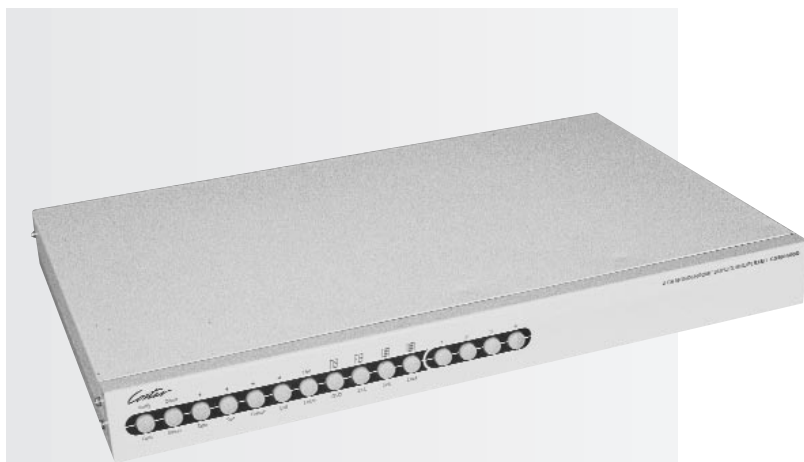




# STARPLEX MODEL CXM0400D

## 4-CHANNEL BLACK & WHITE DUPLEX MULTIPLEXER



The CXM0400D 4-channel Black & White Duplex Multiplexer is a highly advanced video recording and monitor control subsystem which greatly enhances versatility and effectiveness in video surveillance systems. Designed with state-of-the-art digital video processing technology, the CXM0400D features intelligent embedded software while providing simple, friendly user interface features.

## FEATURES

- Multi-screen display formats: full-screen, 2x2, two PIP modes & 2X zoom.
- Exceptional picture quality in live & playback modes
- On-screen text for camera identification, titles, date & time, & alarm/video status information
- Activity detection for alarm interleaved multiplexing
- Camera switch pulse allows automatic VCR/multiplexer synchronization
- Standard & high density time-lapse compatibility with field delay tables
- Alarm inputs for interface with alarm devices to activate alarm interleaved multiplexing
- Remote control capabilities, RS-485
- Rack mount accessory supplied
- Limited 3-year warranty
- Programmable motion detection area and sensitivity for each camera individually.

*Our people make a difference.*

# Choice. Value. Service.

1420 Halsey Way, Suite 140 • Carrollton, TX 75007  
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# STARPLEX MODEL CXM0400D

## OPERATING DEFAULTS

Format	4 X 4 multi-screen format
Display	Live

## VIDEO FORMAT

EIA black and white	NTSC
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## VIDEO LEVEL

Camera Inputs	1.0Vp-p, 75 Ohms or High-Z, auto terminating (x4)
Camera Output	1.0Vp-p, (x4)
Monitor Output	1.0Vp-p,
Spot Output	1.0Vp-p,
VCR Input	1.0Vp-p, 75 Ohms
VCR Output	1.0Vp-p,

## ALARM

Camera Alarm Input:	4 inputs with individual polarity selection; activated by contact closure or TTL/CMOS signal
Alarm Output:	One NO and NC contact with shared common; 1.OA and 24V dc (resistive only)
Alarm Hold Time:	20 seconds default; menu selectable 0 to 99 seconds
Alarm Buzzer Time:	4 seconds on alarm; on/off selectable

## DISPLAY

Gray Shades	256 ( 8 bits)
Full-Screen Format	720 X 512 pixels
2 X 2 Format	256 X 232 pixels
PIP Insert	128 X 116 pixels
Zoom Display	Interpolated 720 X 512 pixels

## CONTROLS

FULL	Selects full-screen display
PIP-I	Selects picture-in-picture display with four inset pictures (or up function)
2x2	Selects 2x2 picture display (or left function)
FREEZE (MENU)	Freezes the current screen display in full-screen or lower right window
VCR	Select input source (camera or VCR)
FUNCTION	Selects second function (TAPE, SEC, FREEZE or CALL Preview) or camera select in multi-screen.

ZOOM	Selects the 2x Zoom screen display
Camera 1-4	Selects cameras for viewing. Selects activity matrix cell enable/disable

## CONNECTIONS

Power	2.1mm pin-type female
Remote	DB25-S female; remote control via contact closure, TTL/CMOS or RS-232
Alarm	DB25-S female; alarm input control via contact closure or TTL/CMOS signal
Spot Out	BNC video signal output to spot monitor
Main Out	BNC video signal output to main monitor and S-VHS
VCR In	BNC composite video input from VCR and S-VHS
VCR Out	BNC composite video output to VCR and S-VHS
Camera In (1-4)	BNC composite video input from cameras
Camera Out (1-4)	BNC with switch for changing input impedance automatically; composite video output from camera (passive loop through)

## POWER REQUIREMENT

Power	12V dc/1.5A (117V ac to 12V ac supplied)
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## PHYSICAL CHARACTERISTICS

Dimensions	17W X 2H X 11D in. (431W X 50H X 279D mm)
Weight	(6 lbs.) 2.7kg

## OPERATING ENVIRONMENT

Ambient Temperature	32° - 95° F (0° - 35° C)
Ambient Humidity	10% - 90% (non-condensing)

## RECOMMENDED CAMERAS

CCM3400N	1/3" CCD B&W camera, 400 TVL
CCM3600N	1/3" CCD high resolution B&W camera, 600 TVL

## RECOMMENDED RECORDERS

CR3030	30-hour high-density time-lapse recorder
CR3960	Costar time-lapse recorder; 960-hour time lapse w/audio recording up to 30 hrs

Design and specifications subject to change without notice.

Conversion: 1" = 25.4mm

Measurement conversions are approximate

9/01v2



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