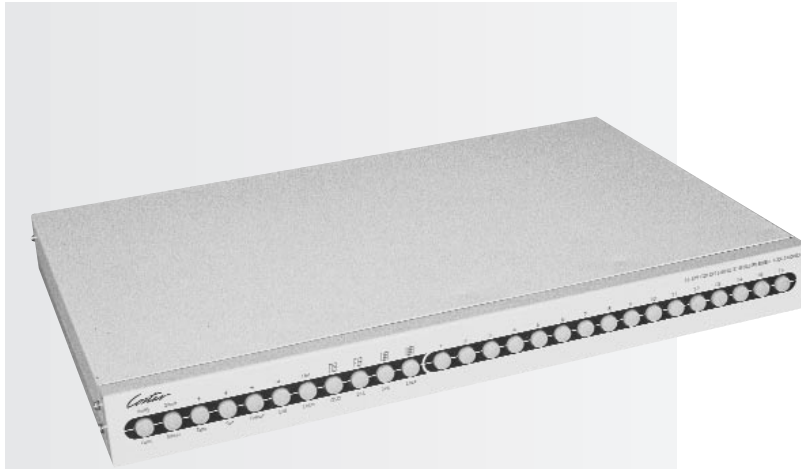




STARPLEX MODEL CXM1600D

16-CHANNEL BLACK & WHITE DUPLEX MULTIPLEXER



The CXM1600D black-and-white duplex multiplexer has outstanding quality and performance at a very reasonable price. With 16 channels and 720 x 512 pixel resolution, the CXM1600D features a simple user interface, seamless system integration and 2X zoom capability. Easy to use and easy to synchronize with virtually any VCR using the VCR record and field delay tables, this unit provides various multi-screen display formats such as: full screen, 2x2, 3x3, 4x4 and Integrated PIP.

Using the convenient front panel keyboard, the CXM1600D provides one-touch operation for common functions such as selecting screen formats, freezing the current screen display, camera sequence, preview and live camera recording.

FEATURES

- Multi-screen display formats: full-screen, 2x2, 3x3, 4x4, integrated PIP & 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
- 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
Tel: 972-446-8844 • Fax: 972-446-8866 • 1-888-694-STAR (7827) www.costarvideo.com

STARPLEX MODEL CXM1600D

OPERATING DEFAULTS

Format	4 X 4 multi-screen format
Display	Live

VIDEO FORMAT

EIA black and white	NTSC
---------------------	------

VIDEO LEVEL

Camera Inputs	1.0Vp-p, 75 Ohms or High-Z, auto terminating (x16)
Camera Output	1.0Vp-p, (x16)
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:	16 inputs with individual polarity selection; activated by contact closure or TTL/CMOS signal
Alarm Output:	One NO and NC contact with shared common; 1.0A 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
3 X 3 Format	170 X 154 pixels
4 X 4 Format	128 X 116 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)
3x3	Selects 3x3 picture display (or right function)
4x4	Selects 4x4 picture display or SET 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 1-16	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 (1-16)	BNC composite video input from cameras
Camera Out (1-16)	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)
-------	--

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



Distributed by