

C Y R E
CYREX NETWORKS



EXPANDABLE VIDEO INTERCOM SYSTEM



The Cyrex expandable video intercom

is a complete system that incorporates the features of a surveillance camera, audio intercom and door bell into one system. Available in color or black and white, this state of the art, easy to install intercom offers safety, convenience and peace of mind for any residential or commercial application.

The newly designed M series with enhanced features offers an ideal solution for various entry security applications. Advanced features include 32 built-in picture memory, day and night camera and TV out connection.

➤ PICTURE MEMORY

A built-in 32 picture memory with date and time stamp lets you know who was at your door even when you are not home.

➤ TV OUT

The TV out feature allows you to transmit video to your TV or DVR for convenient viewing and archiving.

➤ FLEXIBILITY & CONVENIENCE

The M series is expandable up to a total of eight monitors and four cameras. These expansion monitors allow you to conveniently answer the door and communicate with other monitors from anywhere within your home or office. This flexible expansion capability will protect your investments as well as loved ones.

➤ EASY INSTALLATION

The simple two-wire connection makes this system easy to install. You can even utilize the two wires from the existing door bell to enhance the safety of your home by upgrading to the Cyrex video intercom system.

➤ DAY AND NIGHT CAMERA

The Cyrex MC750 system operates in color during daytime and black and white in low lighting conditions to accommodate any lighting environment. A built-in infrared provides supplemental lighting to enhance night viewing.

➤ SPECIAL FEATURES

- Simple 2 wire installation
- 32 built-in picture memory with date and time stamp
- Expandable up to a total of 8 monitors and 4 cameras
- 4" flat CRT or LCD monitor *
- Remote door release function
- TV out connection
- Intercom and broadcast between monitors

- Weatherproof metal door bell camera
- Door bell camera angle horizontally adjustable
- Built-in LED illumination for night viewing
- 1/3" B/W or Color CCD camera *
- Day and night Chipset * (color by day, B/W by night)
- Adjustable volume

* Please refer to diagram below for specific details



Model	Color	B/W	Display	Built-in 32 Pic Mem.	IR Night Vision	Color by Day, B/W by Night	Max Monitors	Max Camera	TV Out
M320		✓	CRT	✓	✓		8	4	✓
MC750	✓		LCD	✓	✓	✓	8	4	✓

CAMERA 4 MONITOR 8

SYSTEM AVAILABLE IN COLOR OR B/W

Master Kit *

Door Bell Monitor

* Master kit Includes:
1 Door Bell
1 Monitor and
1 Power Supply

Up to 7 Expansion Monitors

Supports Up to 4 Cameras

Dome or Bell

DOME CAMERA FUNCTION *

* View the activities of each camera from any monitor

PICTURE MEMORY FUNCTION *

* Retrieve and view picture memory on master monitor. (picture stored in black and white)





MC750 Color Video Intercom System (Master monitor & door bell)

Power	Input: 100-240V AC Output: 24V DC 750mA	Audio	Bi-directional
Communication	30 seconds (unanswered) 90 seconds (answered)	Display	4" Color LCD
Resolution	330 TV Lines	Monitor Controls	Brightness, Sharpness, Volume
Camera	1/3" 3.6 mm Color CCD, 1.0 Lux Day & Night Chipset 90° view angle Weatherproof metal doorbell Illumination by infrared LED	Wiring	2 wires to door bell / Dome. Provide power, audio and video (non-polarized) 18 AWG 300ft max 2 wires to EX-750H expansion monitor (polarized)
Picture Memory	Built-in 32 picture memory - Date and Time Stamped	Size - Door Bell	5.5" (L) x 4.0" (W) x 1.75" (H)
Size - Monitor	9.25" (L) x 8.7" (W) x 2.95" (H)	TV out Connection	RCA x 2 & 2 wires (NO)
Installation	Surface Mount		
Door Release	12V DC 350mA (PWR from monitor) 24V DC 1A (lock w/ own PWR source)		



M320 B/W Video Intercom System (Master monitor & door bell)

Power	Input: 100-240V AC Output: 24V DC 750mA	Display	4" B/W Flat CRT
Communication	30 seconds (unanswered) 90 seconds (answered)	Resolution	420 TV Lines
Camera	1/3" B/W CCD, 3.6 mm, 0.1 Lux 90° view angle Weatherproof metal doorbell Illumination by infrared LED	Wiring	2 wires to door bell / Dome. Provide power, audio and video (non-polarized) 18 AWG 300ft max 2 wires to EX-320H expansion monitor (polarized)
Picture Memory	Built-in 32 picture memory - Date and Time Stamped	Size - Door Bell	5.5" (L) x 4.0" (W) x 1.75" (H)
Monitor Controls	Brightness, Sharpness, Volume	TV out Connection	RCA x 2 & 2 wires (NO)
Size - Monitor	9.25" (L) x 8.7" (W) x 2.95" (H)		
Installation	Surface Mount		
Door Release	12V DC 350mA (PWR from monitor) 24V DC 1A (lock w/ own PWR source)		



Expansion Monitor: EX-750H (COLOR) / EX-320H (B/W)

Power	Input 100-240V AC Output: 24V DC 750mA	Resolution	330 TVL (EX-750H) 420 TVL (EX-320H)
Display	4" Color LCD (EX-750H) / 4" B/W Flat CRT (EX-320H)	Wiring	2 Wires (polarized)
Memory	No memory for expansion monitors	Installation	Wall Mount
Audio	Broadcast and communicate between monitors	Environment	Indoor
Dimension	9.25" (L) x 8.7" (W) x 2.95" (H)		



Expansion Door Bell: EX-750D (COLOR) / EX-320D (B/W)

Power	From monitor	Resolution	330TVL (EX-750D) 420TVL (EX-320D)
Camera	1/3" 3.6mm Color CCD (Day and Night Chipset) 1.0 Lux (EX-750D) 1/3" 3.6mm B/W CCD 0.1 Lux (EX-320D) 90° view angle Built-in Infrared LED	Case	Weatherproof metal
Installation	Surface mount	Wiring	2 wires (non-polarized) to monitor (transmits audio, video and power)
Temperature	30°F ~ 130°F	Distance	300ft Max 18AWG
		Environment	Outdoor
		Dimension	5.5" (L) x 4.0" (W) x 1.75" (H)



Expansion Dome Camera: EX-750C (Color) / EX-320C (B/W)

Power	From monitor	Resolution	330TVL (EX-750D) 420TVL (EX-320D)
Camera	1/3" 3.6mm Color CCD 2.0 Lux (EX-750D) 1/3" 3.6mm B/W CC 0.1 Lux (EX-320D)	Wiring	2 wires (non-polarized) to monitor (transmits audio, video and power)
Case	Plastic	Distance	300ft Max 18AWG
Installation	Surface mount	Environment	Indoor
		Dimension	3.75" (L) x 3.75" (W) x 3.25" (H)



250 West Duarte Road, Suite B, Monrovia, CA 91016

