



# HFX-700 SERIES

COLOR HANDS FREE EXPANDABLE VIDEO INTERCOM KITS HFX-700M AND HFX-700R



The **HFX-700 Series** brings innovative technology and affordability to your home or business. The system is convenient and easy to use providing your home or office the perfect video door entry solution. The HFX-700 series safeguards entrances and allows video and audio verification before entry. The 700 series provides ultimate flexibility, with out of the box features such as: 2 wire installation, All-page intercom, manually adjustable camera angle and built-in door release capability. With the HFX-700R providing even more feature rich enhancements: Digital PTZ, Audio Video recording on a micro-SD card and touch sensitive buttons with On Screen Display.

### Convenience

Communicating and verifying visitors has never been easier. The HFX-700 series provides flexibility to expand multiple inside stations both audio and video units. The system allows the user a choice of expanding up to 4 inside stations for the HFX-700M or 8 inside stations for the HFX-700R. With the built-in All-Page feature, one can communicate via an All Page to initiate a broadcast, which becomes a point to point communication when the call is answered.

### Form and Function

The Modern design of the HFX-700 series provides the user with a stylish yet small form to suit any decor. The system enhances security while not interfering with the aesthetic of the home or office. The intuitive design of the inside stations has built in flashing lights which guide the users on various stages of communication. As an enhancement, the HFX-700R offers intuitive OSD user friendly icons for system operation.

### Clear, Digital Viewing

The HFX-700 door camera station is equipped with both a 3.6mm wide angle lens for a clear, wide angle view of the

door and white LED lights to accommodate any lighting environment. Each video monitor station is equipped with a digital 3.5" LCD screen for a stunningly clear video from any angle.



### Safety

Without jeopardizing safety, the HFX700 series allow you to answer the door or initiate a live viewing of the door camera from any video monitor on the system. The HFX-700R will record a video and audio clip with date and time stamp onto the micro SD card each time the door camera station is activated by a visitor\*. This ensures that you know who was at the door, even when you are not there. (\*micro SD card not included)






### Easy Installation

The HFX-700 series is arguably the easiest system on the market to install. Its a simple two-wire connection between the door camera and the master monitor station. Each expansion station requires an additional 2 wires and can be installed in daisy chain or home run configuration via an optional EX-Hub. Whether it's a new installation or retrofit application, the HFX-700 series can support wires from 18AWG up to CAT5.

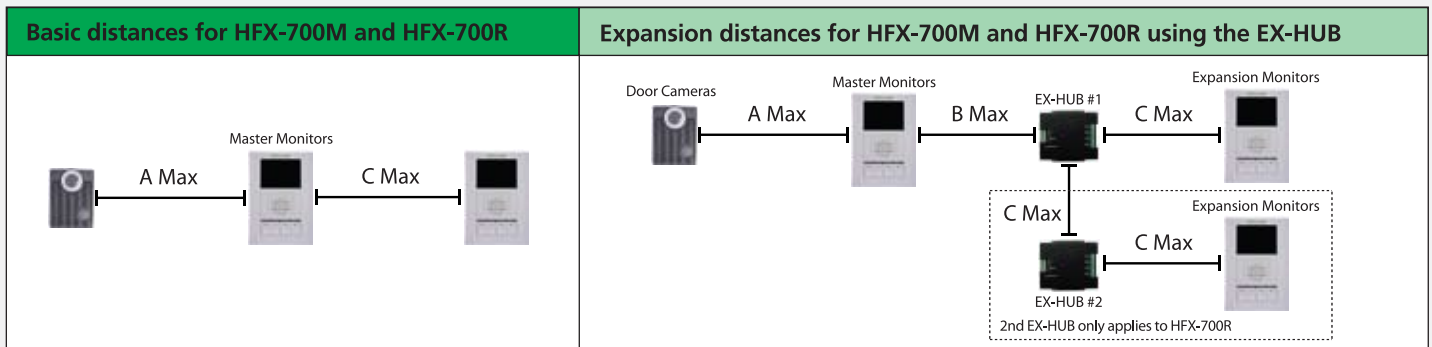
# Kits

 <p><b>HFX-700M</b> Master Kit</p> <p>Color hands free kit with 3.5" LCD monitor. Includes master monitor, door camera and power supply. Expandable to 2 door cameras and 4 inside monitors.</p>	 <p><b>HFX-700R</b> Master Kit with Recording and Digital PTZ</p> <p>Hands free color expandable video intercom kit w/ audio video memory recording on a micro SD Card (SD Card not included). Includes master monitor, door bell and power supply. Expandable up to 2 door stations and 4 monitors. (up to 8 monitor stations with 2 EX-HUBs).</p>
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# Expansion Parts

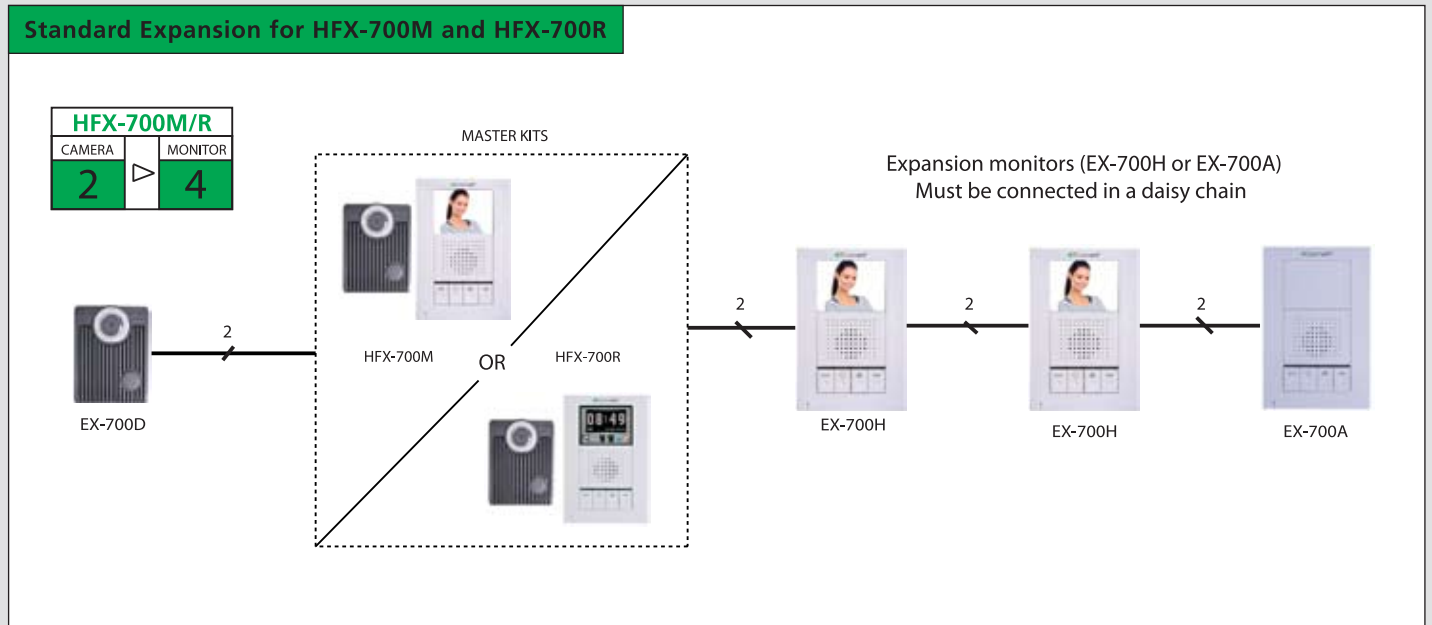
 <p><b>EX-700H</b> Expansion Video Inside Station</p> <p>Color expansion hands free monitor for the HFX-700 series. Includes monitor and power supply.</p>	 <p><b>EX-700A</b> Audio Expansion Inside Station</p> <p>Audio only hands free expansion station for the HFX-700 series. Includes monitor and power supply.</p>
 <p><b>EX-700V</b> Flush Mount Metal Door Bell Cover</p> <p>Vandal Resistant Flush Mount Housing Box. Metal cover only, does not include the EX-700D.</p>	 <p><b>EX-700D</b> Expansion Door Camera Outside Station</p> <p>Color expansion door bell for the HFX-700 series with NO dry contact or 12V DC 300mA power for a door strike.</p>
 <p><b>EX-HUB</b> Home Run Hub/Repeater Module</p> <p>4 Port Home Run Hub, Can be used with 700 Series master kits. Up to 2 EX-HUB units can be connected together for HFX-700R master kits. Power is shared from the power supply from any of the monitors, or with its own 24VDC power supply (not included).</p>	 <p><b>CDSK</b> Acrylic Desk Mount Stand</p> <p>Desk mount stand for HFX series monitors.</p>

# Cable Distance Chart

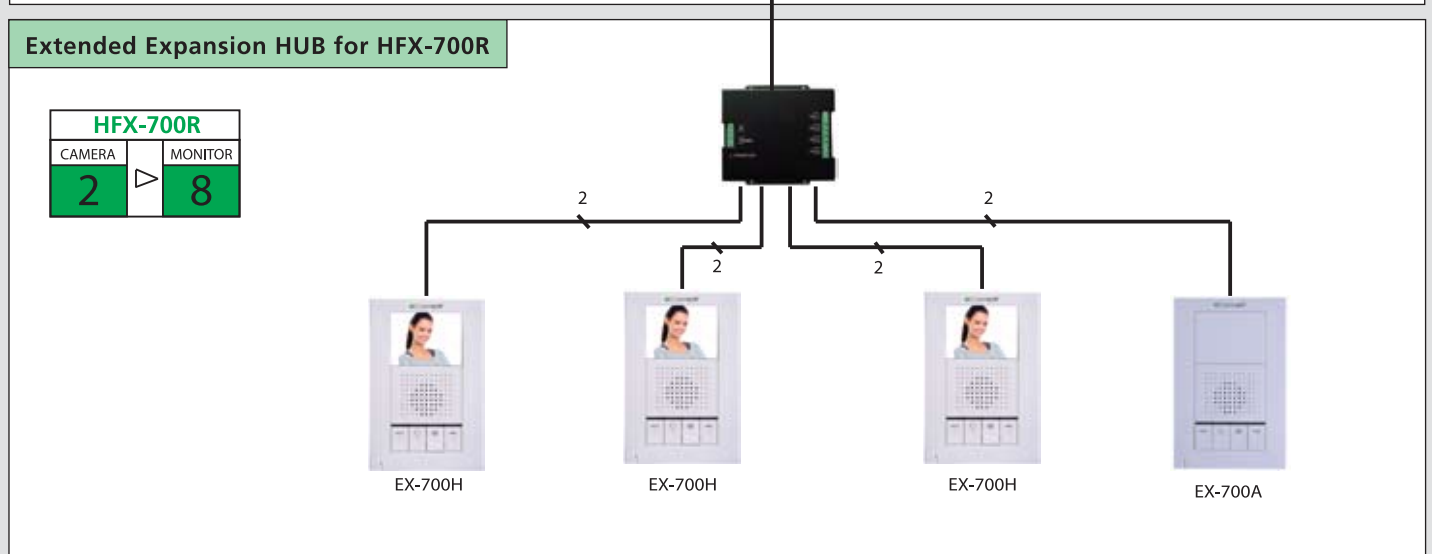
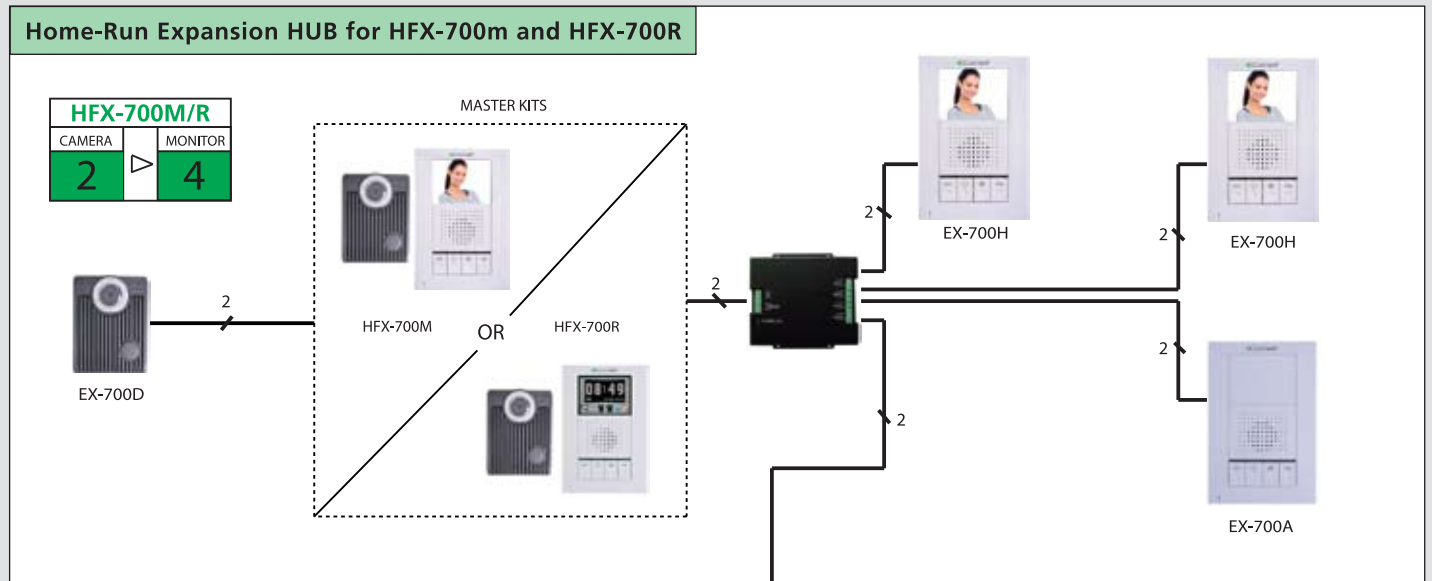


DRY CONTACT - distances based on no door strike or using the dry contact closures on the door camera units					WET CONTACT - distances based on using the 12VDC 300mA power supplied for a strike on the door camera unit				
WIRE TYPE	WIRE ASSIGNMENT	A MAX	B MAX	C MAX	WIRE TYPE	WIRE ASSIGNMENT	A MAX	B MAX	C MAX
CAT 5 (#24 AWG)	Signal wires	328 FEET	328 FEET	328 FEET	CAT 5 (#24 AWG)	Signal wires	NOT Recommended	NOT Recommended	NOT Recommended
#22 AWG	Signal wires	328 FEET	328 FEET	328 FEET	#22 AWG	Signal wires	164 FEET	164 FEET	328 FEET
#18 AWG	Signal wires	328 FEET	328 FEET	328 FEET	#18 AWG	Signal wires	328 FEET	328 FEET	328 FEET

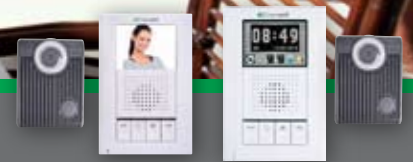
# Basic Diagram



# Expansion Wiring Diagram with the EX-HUB



\*All monitors come with and require individual power supplies \*\*Expansion monitors can be any combination of EX-700H or EX-700A stations



## HFX-700 Series Comparison

### HFX-700M / HFX-700R

Expandable up to 2 door bell cameras and 4 inside monitors	M ✓	R ✓
Expandable up to 2 door bell cameras and 8 inside monitors (w/ use of 2 EX-HUBs, optional)		R ✓
Simple 2 wire installation (CAT5 to 18AWG)	M ✓	R ✓
"All-Page" intercom communication between monitors	M ✓	R ✓
Automatic/manual video recording on a Micro SD Card (Not Included)		R ✓
Touch-sensitive buttons on either side of the screen for menu functions		R ✓
Camera angle manually adjustable (vertical adjustment)	M ✓	R ✓
Digital Zoom with Pan and Tilt ability		R ✓
White LED illumination on the door camera in low lighting conditions	M ✓	R ✓
Weather resistant plastic door bell housing	M ✓	R ✓
Remote door release (12VDC or N.O. contact)* (Field selectable)	M ✓	R ✓
Adjustable speaker, mic and chime volum	M ✓	R ✓
Privacy function (master only)		R ✓
Metal door bell cover option	M ✓	R ✓

### HFX-700M Master Kit

(includes master monitor, door bell camera and power supply)

- Expandable up to 4 monitors and 2 door bell cameras
- Simple 2 wire installation (CAT5 to 18AWG), max distance 300ft
- 3.5 inch LCD color monitor
- "All-page" communication between monitors
- 1/3 inch CCD chipset
- Camera angle horizontally adjustable - Manual
- White LED illuminator
- Weather resistant plastic door bell housing
- Remote door release (12VDC or N.O. contact)\*
- Adjustable speaker, mic and chime volume
- Power: 24VDC 650mA

\* Lock not included



### HFX-700R-Master Kit with Recording and Digital PTZ

- Expandable up to 4 monitors and 2 door bell cameras
- Expandable up to 8 monitors with use of EX-HUB (optional)
- Simple 2 wire installation (CAT5 to 18AWG)
- "All-page" communication between monitors
- Automatic/manual video recording on a Micro SD Card (Not Included)
- Touch-sensitive buttons on either side of the screen for menu functions
- Camera angle adjustable vertically
- Digital Zoom with Pan and Tilt ability
- White LED illumination on the door camera in low lighting conditions
- Weather resistant plastic door bell housing
- Remote door release (12VDC or N.O. contact)\*
- Adjustable speaker, mic and chime volume

\* Lock not included



### EX-700H Expansion Video Inside Station

- Simple 2 wire installation (CAT5 to 18AWG)
- Expansion stations used with the 700 Series kits
- 3.5 inch LCD color monitor
- All page intercom communication
- Remote door release
- Power: 24VDC 650mA



### EX-700A Audio Expansion Inside Station

- Simple 2 wire installation (CAT5 to 18AWG)
- Expansion stations used with the 700 Series kits
- All page intercom communication
- Remote door release
- Power: 24VDC 650mA



### EX-700D Expansion Door Camera Outside Station

- Simple 2 wire installation (CAT5 to 18AWG), max distance 300ft
- Expansion stations used with the 700 Series kits
- Camera angle horizontally adjustable - Manual
- White LED illuminator
- Door release connection (12VDC or N.O. contact)
- Weather resistant plastic door bell housing



### EX-700V Flush Mount Metal Door Bell Cover

- Aluminum door bell cover with weather treatment
- Sleek but tough flush mount look
- Steel back box with weather treatment
- Rubber weather seal
- Special security screws and wrench



### EX-HUB Home Run Hub/Repeater Module

- Metal housing with brackets for easy installation
- Home run hub, great for retrofit situations
- Repeats the digital signal, doubling the distance between the master and the last expansion (over 600ft.)
- Powered by the same power supply as the Monitor or by a dedicated power supply



### CDSK Acrylic Desk Mount Stand

- Acrylic desk mount stand for HFX-700M, HFX-700R, EX-700H and EX-700A monitors

