

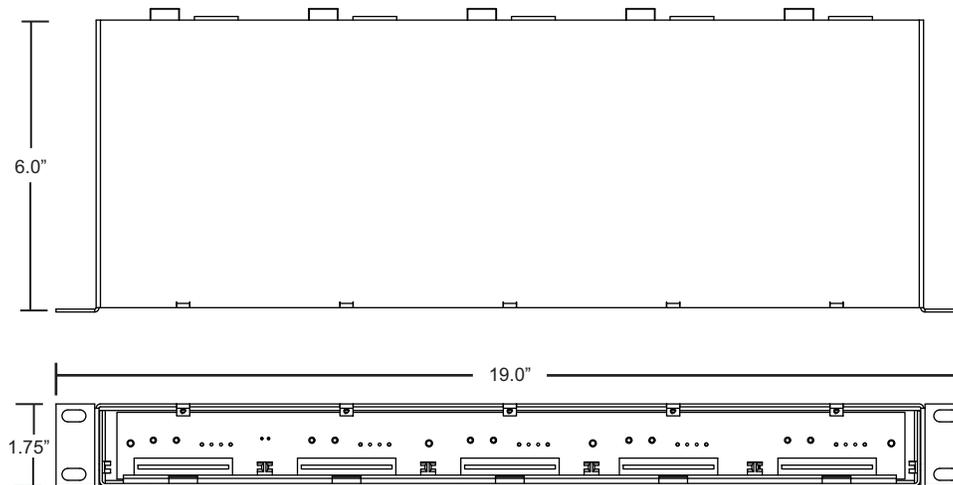
## Description

The **CX452** is a 1 RU card cage designed to hold up to five modular crossover cards for the UTPLinks system, mounted horizontally. The card cage combined with plug-in crossover cards comprises a video crossover and power insertion unit for the UTPLinks system and depending upon the type of cards used, can also include data distribution and/or video transceiver capability. Multiple card models are available for your specific application. The cards can be used in any combination, allowing the rack system to be customized to the specific application. (Modular cards are sold separately.) The CX452, configured with plug-in cards, is designed to work with TIA/EIA standards-based structured cabling networks.

The crossover card cage provides standard RJ45 connectors at the rear of the unit for easy interfacing with either a copper backbone cable or Nitek video receiver equipment. Separate 24 VAC power inputs are provided for each card at the rear of the unit. The CX452 requires the use of a Nitek PS115 power supply.

## Features

- Flexible Design—any combination of cards can be used in any of the 5 slots
- Expandable—additional cards can be added for future expansion
- Standard RJ45 connectors for ease of connection to backbone cabling
- Compatible with TIA/EIA 568A or 568B



# NITEK®

USA

5410 Newport Drive, # 24  
Rolling Meadows, IL 60008  
Phone: (847) 259-8900  
Fax: (847) 259-1300  
E-mail: [info@nitek.net](mailto:info@nitek.net)  
[WWW.NITEK.NET](http://WWW.NITEK.NET)

EUROPE

De Schans 19-21 2a  
8231 KA Lelystad  
Tel: +31(0)320-2300005  
Fax: +31(0)320-282186  
E-mail: [info@nitek.nl](mailto:info@nitek.nl)  
[WWW.NITEK.NL](http://WWW.NITEK.NL)

# TECHNICAL SPECIFICATION

## CX452 Card Cage

Size	1.75" H x 19" W x 6.0" D
Power Requirements	Supplied by PS115 power supply
Twisted Pair Connection (vertical runs)	RJ45 connectors providing balanced low voltage current loop
UTP Category	5 or better
Temperature Range	0°C to +55°C
Humidity Range	0 to 98%, non-condensing
Enclosure Type	Standard 19" rack, 1 RU in height
Shipping Weight	6 lbs

## Wire and Cable Recommendations

On horizontal runs with fixed cameras (applications up to 8 watts/port) Category 5 or better; 22 or 24 AWG For P/T/Z camera applications (>8 watts/port) Category 5 or better; 22 AWG is recommended. In the case of backbone cable, 24 AWG Category 3 or better is recommended. Multi-pair cable with an overall shield is acceptable. While signals may be routed through BIX, 110 or 66 blocks, any bridge-taps, also called T-taps and any resistive, capacitive or inductive devices MUST BE removed from the pair.

## Available Modular Cards

Part	Description	Video Inputs	Video Crossover	Power Insertion	RS422 Distribution	Video Transceiver
CXM22	Crossover, Power Insertion & RS422	-	YES	YES	YES	-
CHM22	Crossover, Power Insertion, RS422 & Video	4	YES	YES	YES	YES
POE48	Crossover & Power Insertion	-	YES	YES	-	-
FAN64	Fan Card	-	-	-	-	-

