



RK400

RK400 Modular Card Cage for 19" rack cabinet;
For Powered Twisted Pair video systems

Description

The RK400 card cage holds up to 10 modular cards. A wide variety of modular cards allow the rack system to be customized to the specific application. (Modular Cards are sold separately).

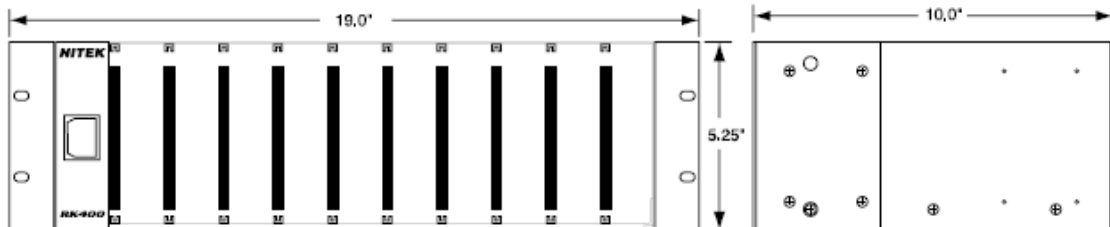
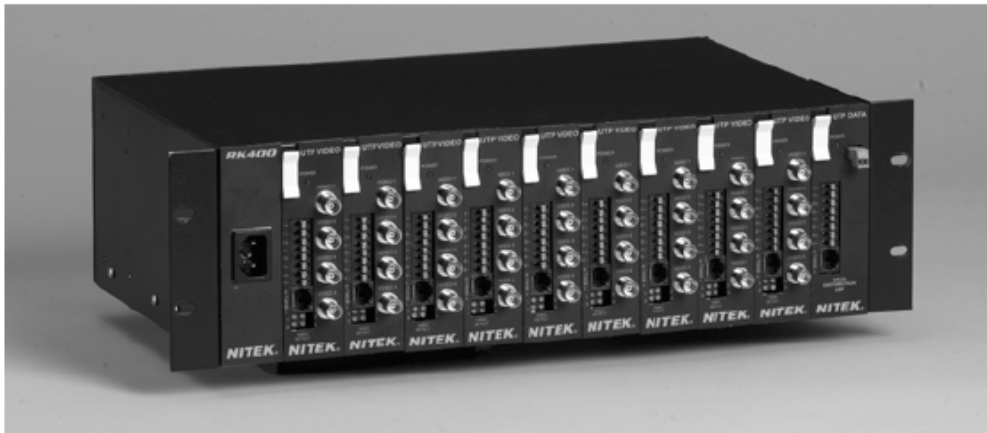
Modular cards available include video transmission up to 4800 m and RS422 distribution amplifiers. In addition to providing system customization, the "plug-in" feature of the Modular Card Cage also provides easy future expansion and serviceability.

The RK400 card cage is a powered cabinet that holds 10 plug-in modules in any combination. It is intended for systems requiring active (powered) and/or passive (non-powered) receivers.

The RK400 has reversible/removable mounting brackets so it can be either mounted from the front or the back of the rack or left off entirely for desktop operation.

Features

- Flexible - a single rack holds any combination of the **NITEK** Modular Rack cards
- High Density - Up to 40 video inputs per Modular Card Cage
- Expandable - Start with only the Modules required and add more Modules later.
- Allows for easy expansion of future cameras
- Removable mounting brackets to make it rack mount or desk mount
- Easy to install - fits standard 19" rack cabinet



TECHNICAL SPECIFICATION

System

Size 13.3cmH x 48.3cmW x 25.4cmD

Capacity 10 Modular Cards
(Cards sold separately)

Power Requirements 120VAC @ 1/2 Amp

Ordering Information

PART	DESCRIPTION
RK400	Fused, 120VAC powered, for use with any Modular Card

Available Modular Cards

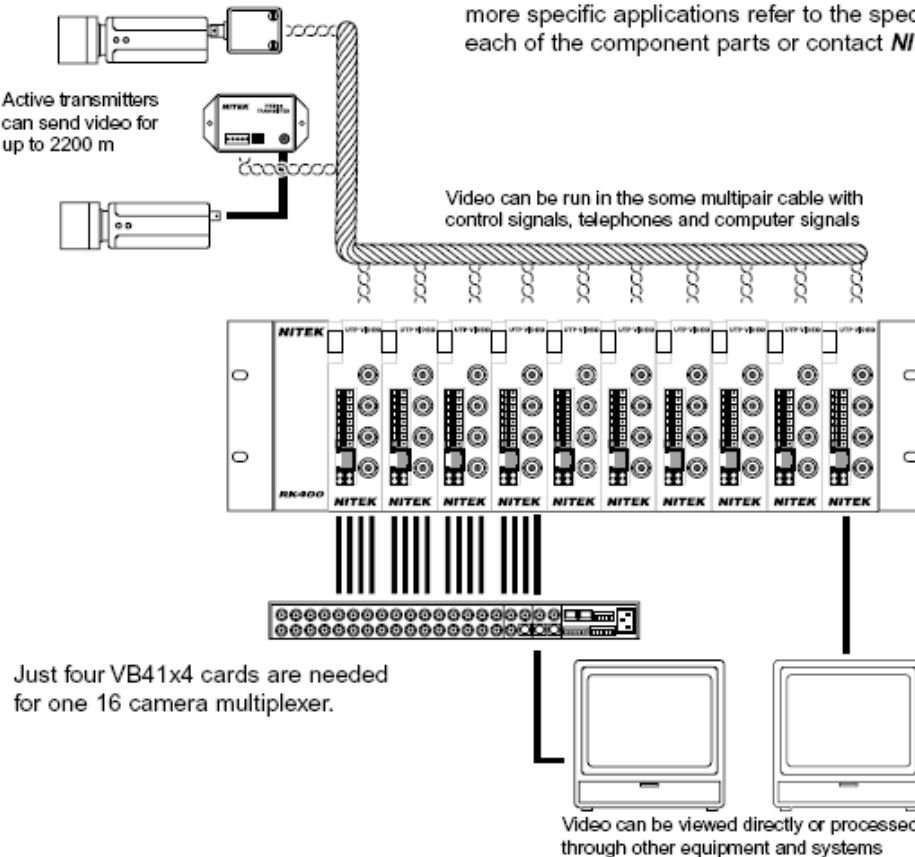
Part	Description	UTP Cable Distance (ft)	Inputs/ Card	Notes
VB41x4	Video Transceiver Balun Card	up to 350 m	4	Operates with any of the following Balun Transmitters - VB37F, VB37M, VB39F, VB39M, VB41x4, or VH1639 (order separately)
TR515x4	Video Active Receiver Card	30 to 500 m	4	
TR560x4	Video Active Receiver Card	30 to 1000 m	4	
TS515x4	UTP Video Transmission System	30 to 500 m	4	Includes (4) VB37F Balun Transmitters
TS560x4	UTP Video Transmission System	30 to 1000 m	4	Includes (4) VB37F Balun Transmitters
EX560x4	UTP Video Transmission System	225 to 2200 m	4	Includes (4) TT560 Active Transmitters
EX1120RR	UTP Video Transmission System	350 to 4800 m	1	Includes (1) EX1120 Active Transmitter
DA422	RS422 Signal Distributor	up to 2200 m	4	Maximum of (4) cards / RK400
BP40	Blank Panel for RK400	n/a	n/a	Blank cover for one card slot

VB37 transceiver can send video for up to 1000 m depending on receiver unit

Active transmitters can send video for up to 2200 m

The diagram below is a simplified model to show some of the components used in an RK400 system. For more specific applications refer to the specifications for each of the component parts or contact **NITEK®**.

Video can be run in the same multipair cable with control signals, telephones and computer signals



Videor E. Hartig GmbH
Carl-Zeiss-Straße 8 · 63322 Rödermark, Germany
Tel. +49 (0) 60 74 / 888-0 · Fax +49 (0) 60 74 / 888-100

www.videor.com

Technical changes reserved.

04/2007