The VDS6500 is an AHD, TVI, CVI and CVBS coax video modem kit that transmits 2x video and 2x DC12V power over a single coaxial cable. It also supports UTC control over the same single coax cable and up to 1080P resolutions.

VDS6500

Key Features

- Transmits 2x Video and 2x DC12V power over a single coaxial cable
- Real-time transmission up to 500m
- Consists of sender and viewer units
- LED indicators on both units to display status
- Compact size and weight
- Supports UTC control

Specification

Model Number	VDS6500
Video Input, Viewer	CVI / TVI / AHD and CVBS
Video Output, Sender	CVI / TVI / AHD and CVBS
DC Power Input, Viewer	48V (1.2A Max. output)
DC Power Output, Sender	DC12V, 3.5A (2 cameras max. in total)
Current Consumption (Excluding Camera)	250mA
Power Adapter Input	AC100 - 240V, 1.8A
Power Adapter Output	DC48V, 1.25A
Reverse Polarity Protection	Yes
Cable Types Supported	RG59, RG6, RG11, 5C-2V, 3C-2V
Operating Temperature	-10°C ~ +45°C, 10%-70% Humidity
Storage Temperature	-25°C ~ +75°C, 0%-95% Humidity
Dimensions	100 (L) x 75 (W) x 25 (H) mm

Genie Access reserves the right to change specifications without notice. Please contact your representative to confirm current specifications.

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British Born Company

Connection Diagram

Video Signal Input

DC12V Out

DC12V Out

Video Signal Input

CH. 1
VIDEO IN

CH. 1
12V OUT
+ −

CH. 2
12V OUT
+ −

CH. 2
VIDEO IN

RG-6/U

Genie VDS VIDEO ™ MODEM SYSTEM

The Best Solution on Coaxial Cable

< INPUT

> LINK OUT

POWER STATUS
R - Standby
G - Operation
Y - DC Power Low

VDS6500-RU
Sender

Two Full HD surveillance Video transmissions with UTC Control

LINK-OUT
DC IN

Link Out

RG-6/U

Coaxial cable
0 to 500m
Use RG-6/U
or equivalent

← Two Surveillance Video Signals

DC Power and Up the Coax Control →

Link In

LINK-IN
DC OUT

RG-6/U

SYSTEM STATUS
G - Operation
Y - Link Initial
Flash Red - Link Fault

POWER IN
⊖ 48V DC ⊕

DC48V
Power Input

Genie VDS VIDEO ™ MODEM SYSTEM

The Best Solution on Coaxial Cable

< LINK IN

> OUTPUT

VDS6500-LU
Viewer

Two Full HD surveillance Video transmissions with UTC Control

CH. 1
VIDEO OUT

CH. 2
VIDEO OUT

RG-6/U

RG-6/U

Video Signal Output

No. 1

Video Signal Output

No. 2