

CEILINGVIEW™ HD-18 DocCAM

High Definition Flush Mount Document Camera

The Vaddio™ CeilingVIEW HD-18 DocCAM is a high definition ceiling document camera designed for use with high definition videoconferencing codecs, HD monitors and HD presentation applications where image quality and resolution are critical.

The CeilingVIEW HD-18 DocCAM features an 18X optical zoom lens and is built around a 1/3", 1.3 Megapixel CCD image sensor for precise HD color video image acquisition even in low light applications.

The CeilingVIEW HD-18 DocCAM is compatible with the Vaddio Quick-Connect™ SR Interface, the Quick-Connect DVI/HDMI SR Interface and in conjunction with either of these interfaces; the CCU Image Controller can also be used. The CeilingVIEW HD-18 DocCAM is an extremely powerful and flexible system that will fit many demanding integrated designs.

Depending on the package and Quick-Connect SR System chosen, YPbPr or YPbPr/DVI-D (HDMI with cable adapter) and even RGBHV signals are available. HD resolutions up to and including 1080/60p are available for a variety of applications.

The CeilingVIEW HD-18 DocCAM is an exceptional document camera for a wide range of HD video applications including videoconferencing, corporate boardrooms, auditoriums, and of course, distance-learning.



WHAT'S INCLUDED

The CeilingVIEW HD-18 DocCAM includes:

- CeilingVIEW HD-18 DocCAM Module
- Vaddio IR Remote Control
- RJ-45 to RS-232 Control Adapter
- Tile Support Brace (one piece)
- 24 VDC PowerRite™ Power Supply
- Documentation
- Choice of Quick-Connect SR Interface

Quick-Connect and CCU Compatibility:

The camera is compatible with the Quick-Connect SR Interface and the Quick-Connect DVI/HDMI SR Interface and in conjunction, can be used with the CeilingVIEW HD-18 CCU Image Controller to fine tune the color and shading of the camera in the environment in which it is installed.



CCU Image Controller for CeilingVIEW HD-18 DocCAM

TECHNICAL FEATURES

Analog Component, DVI-D and RGBHV Outputs:

The CeilingVIEW HD-18 DocCAM has a flexible output system and has the ability to output YPbPr, DVI-D (HDMI with cable) or RGBHV depending on the Quick-Connect SR Interface (SR = short range or 100') and depending on the system requirements. The analog and digital HD video signals flow through the Quick-Connect while the RGBHV signals are available on the back of the camera module in the ceiling. Plenum rated coax cable will be required for RGBHV and threaded inserts are included to attach a conduit box over the connectors for conduit only regions.

High Definition Output:

The CeilingVIEW is a high definition output camera and has resolutions of up to and including 1080/60p available. The CeilingVIEW HD-18 has no SD support.

Easy Integration:

Using a common RS-232 protocol (modified VISCA®) the CeilingVIEW HD-18 DocCAM is easily integrated for use with videoconferencing codecs and control systems. It even responds to the zoom in/out commands of the Polycom® and TANDBERG® IR Remote controls.

TECHNICAL FEATURES (CONTINUED)

Laser Locator:

Unique laser indicator shows the user where to position a document by putting a red laser dot in the center of the image. Laser can be controlled to work in momentary or ON/OFF mode.

Ceiling Back Box Enclosure:

The camera module has a metal back box enclosure that is designed to fit flush into the ceiling supported with a one-piece tile support brace standard. For a gypsum board ceiling, the enclosure is supported with

an optional recessed conversion kit that includes mounting plates, mounting hardware and a larger trim ring to cover the mounting plates.

Advanced CCD Image Sensor:

The camera uses a 1.3 Megapixel, 1/3" CCD image sensor for rich and accurate color.

Made in the USA:

The CeilingVIEW HD-18 DocCAM is made in the USA, at Vaddio, in the Minneapolis, Minnesota area.



SYSTEM CONNECTIVITY

CeilingVIEW HD-18 DocCAM, Quick-Connect DVI/HDMI SR Interface, ProductionVIEW Precision Camera Controller and PreVIEW HD Monitors



TECHNICAL SPECIFICATIONS

CeilingVIEW HD-18 DocCAM	
Part Numbers	CeilingVIEW HD-18 DocCAM with Quick-Connect SR Interface 999-3018-000 (North America) CeilingVIEW HD-18 DocCAM with Quick-Connect SR Interface 999-3018-001 (International) CeilingVIEW HD-18 DocCAM with Quick-Connect DVI/HDMI SR Interface 999-3028-000 (North America) CeilingVIEW HD-18 DocCAM with Quick-Connect DVI/HDMI SR Interface 999-3028-001 (International) Optional CCU: CCU Image Controller 999-1105-023 (North America and Int'l)
Image Device/Pixels	1/3" CCD approximately 1.3 Megapixel
Lens / Focal Length	18x Optical Zoom Lens, f=4.7 to 84.6mm - Min. Object Distance 1m (Tele End)
Horizontal Viewing Angle	3.2 to 55.2 degrees - 16:9 Format
Minimum Illumination	1.8 LUX (F1.6, 50IRE)
Serial Control Protocol	RS-232 (Modified VISCA)
HD Resolutions	Up to and Including 1080/60p (SD Resolutions Not Supported)
RGBHV Resolutions	1024 x 768@60Hz (4:3), 1280 x 720@60Hz (16:9), 1680 x 1050@60Hz (16:10) - overrides YPbPr & DVI-D
Optional Accessories	CeilingVIEW HD-18 Series CCU Image Controller 999-1105-023 (North America and International) 3.3' (1m) DVI-D Male to HDMI Male Cable P/N: 440-5643-001 9.84' (3m) DVI-D Male to HDMI Male Cable P/N: 440-5643-003
Dimensions (H x W x D):	Camera Module: 4.75" (120.65mm) H x 8" (203.2mm) W x 8" (203.3mm) D
Weight	Camera Module, Trim Ring and Aluminum Tile Support Brace: 5.05 lbs (2.2906416999999997 kg - actual)
Origin	Made in the USA (Minneapolis/St. Paul Metropolitan Area, Minnesota)