

# MULTIPLE CAMERA SYSTEM - Q-View™ QIFD - Pendant Indoor



## DESCRIPTION

The Q-View™ Series offers the advantages of a multi-camera system in one package. As many as four color, black and white, or hi-res day/night cameras are mounted to fully articulated, segmented brackets, adjustable to a wide range of viewing angles. The pendant mount indoor QIFD features a durable engineered plastic top and acrylic dome, available clear or tinted.

## FEATURES

- Durable engineered plastic top, 94V0
- Includes up to four cameras with separate BNC outputs for each
- Fully adjustable, segmented mounting arms
- Pendant mount (1" pipe thread) standard
- One power lead

## CAMERA/LENS CHOICES

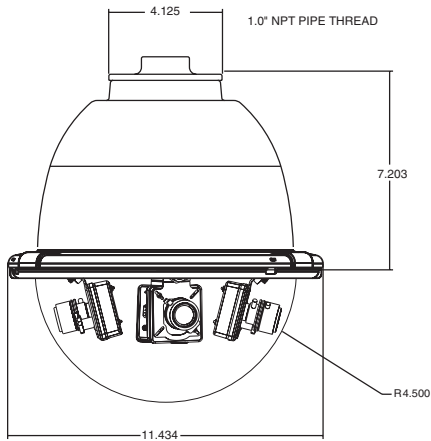
- Hi-res b/w
- Standard or hi res color
- Hi-res day/night
- Fixed 3.6mm
- Vari-focal 4-8mm
- Auto iris 4-9mm (color units only)

## CERTIFICATIONS

- Designed for NEMA 1 for falling dirt ingress
- Complies with Part 15 of the FCC Rules

## ARCHITECTURAL/ENGINEERING SPECIFICATIONS

The QIFD shall include up to four board cameras mounted upon segmented, adjustable arms. A choice of hi-res black and white, standard or hi-res color, or hi-res day/night cameras shall be offered, with a choice of either fixed or manual vari-focal lenses for all cameras, and the additional choice of auto iris vari-focal lens on the standard and hi-res color units. One BNC connector per camera shall be included to connect to incoming video inputs. Fused surge protection for each camera shall be standard. The housing shall be manufactured from a high-impact engineered plastic with a UL flame rating of 94V0. Units shall include one 15-28 VAC or VDC input. A 1" pipe thread shall be included for pendant mounting. The dome shall be 8" in diameter and shall be made of a thermoformed, optically clear, cell-cast acrylic material, and shall be held in place with a minimum of (3) fasteners. Clear and tinted domes shall be available, the tinted dome shall have only 1 F stop light loss. A quick-release bracket will be provided at the top of the unit for ease of installation and quick removal of the unit. A factory installed NVT twisted pair module shall be available as an option.



## ELECTRICAL SPECIFICATIONS

15 - 28 VAC or VDC power input. Must be a regulated power supply  
 Power 10 watts for 4 cameras (100mA/camera)  
 Video Connector 1 BNC per camera, surge Protection for each camera

## CAMERA SPECIFICATIONS - see page 19

## MECHANICAL SPECIFICATIONS

Size (h x w x d): 12.8" x 11.4" x 16.1"  
 Weight: 11 lbs.  
 Construction:  
 Housing Top: .125 engineered plastic, 94V0 rated  
 Lower Dome: Cell-cast acrylic (tinted or clear)  
 Wall Mount Bracket: WM12 cast aluminum bracket  
  
 Internal Camera Bracket: Steel  
 Cable Entry through 1.5" NPT (Pendant mount only)  
 Components:  
 Seals: .136" x 10.25" O-ring (QFD)  
 Articulated Brackets: Segmented, 3-axis adjustable arms

## FACTORY INSTALLED OPTION



- NVT twisted pair transmitter module (customer must purchase video receiver from NVT)

## SHIPPING SPECIFICATIONS

Model	Unit Weight	Shipping Weight	Shipping Box Dim.
QFD	11 lbs	11 lbs*	17 x 14 x 17

\* Shipping weights depend on box dimensions.

# MULTIPLE CAMERA SYSTEM - Camera/Lens Specifications

## CAMERA SPECIFICATIONS

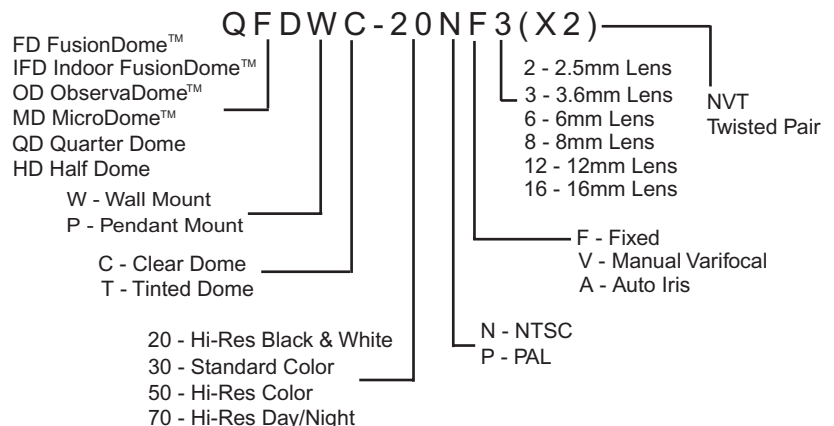
	Hi-Resolution B/W Camera	Standard Color Camera	Hi-Resolution Color Camera	Hi-Resolution Day and Night Camera
Signal System	EIA or CCIR	NTSC or PAL	NTSC or PAL	NTSC or PAL
Imager	1/3" CCD	1/3" CCD	1/3" CCD	1/3" CCD
Scanning System	2:1 Interlaced	2:1 Interlaced	2:1 Interlaced	2:1 Interlaced
Synchronizing System	12 VDC internal	12 VDC internal	12 VDC internal	12 VDC internal, 24 VAC line lock <sup>2</sup>
Horizontal Resolution	570 TV Lines	350 TV Lines	480 TV Lines	480 TV Lines
Signal-to-Noise Ratio	More than 48 dB	50 dB or better	50 dB or better	50 dB or better
Minimum Illumination	0.08 Lux (F1.2)	0.3 Lux (F1.2)	0.4 Lux (F1.2)	Color - 0.4 Lux (F1.2) B/W - 0.08 Lux (F1.2) Switches to B/W at 1.6 Lux
Video Output	1Vp-p 75 ohm composite	1Vp-p 75 ohm composite	1Vp-p 75 ohm composite	1Vp-p 75 ohm composite
Gain Control	Auto	ON/OFF selectable dip switch	ON/OFF selectable dip switch	ON/OFF selectable dip switch
Electronic Iris	Auto	ON/OFF selectable dip switch	ON/OFF selectable dip switch	ON/OFF selectable dip switch
Auto Iris Control	DC Drive Iris Control w/adjustable level	DC Drive Iris Control w/adjustable level	DC Drive Iris Control w/adjustable level	DC Drive Iris Control w/adjustable level
Switchable Shutter Speed	1/50 1/60 - 1/100,000 sec.	Manual: 1/60, 1/100, 1/1000, 1/100000 dip switch	Manual: 1/60, 1/100, 1/1000, 1/100000 dip switch	Manual: 1/60, 1/100, 1/1000, 1/100000 dip switch
White Balance	N/A	AWB/Indoor/Outdoor/ATW	AWB/Indoor/Outdoor/ATW	AWB/Indoor/Outdoor/ATW
Flickerless	N/A	ON/OFF selectable dip switch	ON/OFF selectable dip switch	ON/OFF selectable dip switch
Backlight Compensation	Auto	ON/OFF selectable dip switch	ON/OFF selectable dip switch	ON/OFF selectable dip switch
Lenses	2.5,3.6,6,8,12,16mm Fixed 4-8mm Fixed Iris Varifocal 3.5-8mm Auto-Iris Varifocal	2.5,3.6,6,8,12,16mm Fixed 4-8mm Fixed Iris Varifocal 4-9mm Auto-Iris Varifocal	2.5,3.6,6,8,12,16mm Fixed 4-8mm Fixed Iris Varifocal 4-9mm Auto-Iris Varifocal	2.5,3.6,6,8,12,16mm Fixed 4-8mm Fixed Iris Varifocal 4-9mm Auto-Iris Varifocal

Multiple Camera System

## LENS SPECIFICATIONS

FIXED LENSES						
Focal Length	2.5mm	3.6mm	6mm	8mm	12mm	16mm
Format Size	1/3"	1/3"	1/3"	1/3"	1/3"	1/3"
Relative Aperture (F)	2.0	2.0	2.0	2.0	2.0	2.0

## Models Chart for Q-View™



Product specifications are subject to change without notice.