

MMV Specifications:

CAMERA

INPUT VOLTAGE	24 Volt AC – (WDBAC SERIES) 12 Volt DC – (WDB SERIES)
POWER DRAW	200mA or less
VIDEO CONNECTOR	BNC
POWER CONNECTOR	Bare leads (WDBAC SERIES) 2.1 Barrel Plug – Center Pos. (WDB SERIES)
PIXELS	High Resolution – 768(H) x 494(V) Normal Resolution – 512(H) x 492(V)
S/N RATIO	More than 48dB
VIDEO OUTPUT	1.0Vp-p 75ohm
CCD	1/3" Color DSP and 1/3" Monochrome
AUTO IRIS	Level Control Adjustment w/ BLC
CONSTRUCTION	Cast Aluminum Housing with Clear Window
HARDWARE	Tamper-proof screws/L-wrench
COLOR	Black (Beige Available)
LENS	4-9mm Vari-Focal Auto-Iris (2.3mm-12mm optional)
DIMENSIONS	2.09" (53mm) DIA. x 3.11 (79mm) L 2.09" (53mm) DIA x 4.31" (109mm) L
OPERATING TEMP.	-4 Deg. F to + 158 Deg. F
STORAGE TEMP.	-20 Deg. F to + 160 Deg. F
RATING	NEMA 4 – Weatherproof IP-67

TRANSMITTER PACK

ENCLOSURE:	Solid aluminum powder coated enclosure with sealed switchgear
DIMENSIONS:	3"x4"x1" including attached cover
TRANSMITTER:	900MHz @ 500mw
INPUTS:	Dual safety plug video inputs (internally switched)
OUTPUTS:	Dual Safety plug video outputs (internally split)
ANTENNA:	6" omni-directional mini whip

BATTERY PACK

ENCLOSURE:	Solid aluminum powder coated enclosure with sealed switchgear
DIMENSIONS:	3"x4"x1" including attached cover

RECEIVER

ANTENNAS:	True diversity triple antenna array- (3) 8dB Gain Patch Antennas
ARRAY SIZE:	42/59" wide x 12" high x 12" deep
ARRAY WEIGHT:	20.6 lbs.
MOUNTING:	Portable tripod or fixed structure
TRIPOD WEIGHT:	46.6 lbs.
ADJUSTABLE HEIGHT:	5' to 15'
ENVIRONMENTAL:	Weatherproof, -20 Deg. to 131 Deg. F
CABLE LENGTH:	Receiver to base system power case: 100'

VIEWING CONSOLE

CASE	Pelican Case, 20.5" x 17" x 8.5", Weight, 38.0 lbs. loaded
MONITOR	Color, 6.4" TFT LCD with mini-tripod stand
BATTERY	Sealed lead/acid, 10 hrs and smart charger
STORAGE	Storage for camera, spare batteries, charger and cables
AUX. VIDEO OUT	BNC to additional monitors if needed

OPTIONAL

EXTENSION LINK

TX. FREQUENCY:	2.4 GHz @ 800 mw
TX/RX ANTENNAS:	14 dB Gain Patch Antennas
RANGE:	6 miles+ LOS
MOUNTING:	Portable tripod or fixed structure
TRIPOD:	5' – 15' height
BATTERY BOX:	Sealed lead/acid, 36 hr. run time with charger
CASE:	Pelican Case, 17" x 14" x 7"
WEIGHT:	RX/Antenna Assy, 7.6 lbs. Tripod, 16.6 lbs. Case 26.4 lbs. (fully loaded)

ENCRYPTION

SEGMENT:	Initial encoding at TX module, terminal decoding at viewing console = (100%) wireless distance.
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Choice of different receiver antennas is available for varying requirements



Multiple camera choices available



Shown here without deployment pouch and helmet

All specifications are subject to change.

MMV *Multi-Mission Video System*

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Introducing the MMV

The MMV is a multi-mission video system which is worn by forward operators. This rugged and compact system is easy to deploy and use. The body-worn camera and transmitter set send clear and steady video back to scene commanders in real time. This systems signal can also be encrypted, so the video can only be viewable at the viewing console. The MMV has a range of up to 5 miles when used with the optional extension link components. Choose from many camera choices to fit your mission needs.



Features and Uses

The MMV was designed with input from hundreds of professionals and departments. The modular design of the system allows for multiple mission requirements to be fulfilled. Multiple video inputs allow for varying video sources, for example, thermal or infra-red imagers. There are several video outputs; allowing personal, body worn viewers or a drag line to be added.

The MMV is completely sealed and can be used in a variety of missions. The MMV can be placed on K-9 units during enforcement or search and rescue operations. Robotic vehicles are easily fitted with the MMV in the field. HAZMAT technicians can use the MMV for hot zone entry and the system is completely sealed for dunk decontamination. S.W.A.T and "meth teams" can use the MMV for live mission documentation as well as real-time training observation.

- Dunk Decon.
- Rugged
- Lightweight
- Encrypted
- Hands free
- Reliable



Range and Duration

The extended range and unique receiver architecture allows for a range of many hundreds of feet through any obstacles. Line of sight distances of up to 6 miles can be achieved through the use of the extension link.

The MMV has a field changeable battery pack with up to 1 minute of un-powered operation, allowing uninterrupted transmission while the safety-enhanced battery packs are changed.

