

4RE IN-CAR VIDEO SYSTEM

Most trusted, most advanced, most deployed in-car video system for police forces.



KEY FEATURES

INTUITIVE CONTROL

Icon-driven user interface and direct access keys make operation quick and simple.

SMART, EVENT-BASED RESOLUTION RECORDING

Record simultaneously in HD and SD resolution and automatically save using a resolution configured to the event category.

UPLOAD ANYWHERE, ANYTIME

Recorded events are uploaded wirelessly via cellular or Wi-Fi® networks from the system to evidence storage with no officer involvement.

INTEGRATED WITH BODY-WORN CAMERAS

The 4RE in-car video system and one or more WiFi-enabled body-worn cameras work together seamlessly as a single system, capturing video from multiple vantage points and automatically synchronizing it for playback and sharing.

FULLY SECURE BACK-UP AND TRANSFER

Dual drive architecture automatically writes active recordings to both an internal drive and removable USB drive, providing the perfect back-up plan. The USB is fully secured behind a locking cast zinc door and can be removed for secure manual transfer.

NEVER MISS AN INCIDENT

Record-After-the-Fact technology provides the power to go back in time and capture important evidence days after it happened, even when record wasn't pressed.

DVR

DVR Size	Single DIN
Dimensions (Total)	1.72 in (H) x 7.23 in (W) x 7.29 in (D); 44 mm (H) x 184 mm (W) x 185 mm (D)
Dimensions (w/o Front Bezel)	1.63 in (H) x 7.13 in (W) x 6.80 in (D); 41 mm (H) x 181 mm (W) x 173 mm (D)
Weight	3.0 lbs (1.4 kg)
Mounting Option	Universal Bracket or Console Mounted
Console Faceplate Spec	Opening: 1.65 in (H) x 7.15 in (W); Opening: 42 mm (H) x 182 mm (W)
Recording Media (Buffer)	Choose between an Industrial Grade 256GB SSD or a Full Automotive Grade 200 GB Hard Drive
Recording Media (Removable)	16GB or 32GB Solid State USB Flash (Thumb) Drive
GPS	Integrated (Standard)
Crash Detection	Standard. 3-Axis solid state integrated accelerometer sensor
Additional Input / Outputs	USB, Ethernet, Radar Interface
Video Transfer Methods	Wireless 802.11n, LTE/Cellular, USB Thumb Drive, Ethernet

AUDIO

Frequency Response (HiFi Mic)	200-10,000 Hz +/- 3 dB (902 - 928 MHz)
Audio Source Inputs	3 (Base DVR = 1 Wireless + 1 Wired) (With 4RE Expansion Card = 2 Wireless + 1 Wired)
Audio Compression	AAC multi-channel

TECHNOLOGY

Video Compression H.264 High Profile (4 Concurrent Streams)

Resolutions 1280 × 720 (720P), 864 × 480 (480P),
720×480 (D1), 576×320, and 480×320

Frames per second 30, 15, 7.5, & 5 (administratively selectable)

Multiple Resolution Encoding Records front camera in two resolutions
simultaneously (patented)

Recording Triggers

Lights, Siren, AUX, Crash, Speed, Wireless
Microphone, Manual

Storage Architecture

Dual drive architecture (patents pending)

Pre and Post-Event

0 seconds – 10 minutes, independently configured

Redundancy

Record-After-The-Fact (patented)

Hours of Recording

Up to 155 Hours



4RE CAMERA OPTIONS



PANORAMIC X2

SPECIFICATIONS	
Resolution	Panoramic Camera Lens: 1280 x 240 p Secondary Camera Lens: 1280 x 720 p
Viewing Angle	Panoramic Camera Lens: 138° Secondary Camera Lens: 68°
Dimensions	3.57 in (W) x 2.90 in (H) x 1.40 in (D); 91 mm (W) x 74 mm (H) x 36 mm (D)
Weight	5.5 oz (156 g)
Low Light	0.8 lux
Operating Conditions	-4 °F to 185 °F (-20 °C to 85 °C)
Connection Type	Locking Mini HDMI, Shielded Cable



ZERO SIGHT-LINE CAMERA

SPECIFICATIONS	
Resolution	1280 x 720 (720p)
Viewing Angle	68°
Dimensions	3.65 in (W) x 1.76 in (H) x 1.13 in (D); 93 mm (W) x 45 mm (H) x 29 mm (D)
Weight	4.5 oz (128 g)
Low Light	0.8 lux
Operating Conditions	-4 °F to 185 °F (-20 °C to 85 °C)
Connection Type	Locking Mini HDMI, Shielded Cable



HD MINI ZOOM CAMERA

SPECIFICATIONS	
Resolution	1280 x 720 (720p)
Viewing Angle	3.2° to 57°
Dimensions	1.97 in (W) x 1.93 in (H) x 3.68 in (L); 178 mm (W) x 49 mm (H) x 94 mm (L)
Weight	19 oz (538 g)
Low Light	0.2 to 1.8 lux
Zoom Lens	12x Optical
Operating Conditions	-4 °F to 185 °F (-20 °C to 85 °C)
Connection Type	Locking Mini HDMI, Shielded Cable
Direct Controls	Zoom In, Zoom Out, Auto Zoom, Focus Far, Focus Near, Auto Focus
Alternate Controls	Full camera control through touch screen graphical user interface



INFRARED CABIN CAMERA

SPECIFICATIONS

Resolution	720 x 480
Viewing Angle	90° (horizontal)
Dimensions	2.66 in (W) x 1.63 in (H) x 2.50 in (D); 69 mm (W) x 41 mm (H) x 64 mm (D)
Dimensions with Bracket	2.94 in (W) x 2.75 in (H) x 2.50 in (D); 75 mm (W) x 70 mm (H) x 64 mm (D)
Low Light	1 Lux (Records in total darkness with IR illumination)
Infrared Backlit	Yes



SIDE / REAR-FACING CAMERA

SPECIFICATIONS

Resolution	720 x 480
Viewing Angle	74° (horizontal)
Dimensions	1.26 in (W) x 1.50 in (H) x 1.65 in (D); 32 mm (W) x 38 mm (H) x W 42 mm (D)
Weight	4.5 oz (128 g)
Low Light	0.2 Lux

For more information, please visit: www.motorolasolutions.com

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