

Features

- Small and lightweight
- 12x digital zoom and 12x optical zoom
- Angle of view: 53.6-degrees (wide end) to 4.6-degrees (tele end)
- Minimum illumination: 1.01x (typical) (F1.6, 50 IRE)
- E-Flip (screen is inverted up or down)
- Picture freeze
- Electronic shutter/slow shutter
- Large back-light buttons
- Aluminum body
- One-touch, smart zoom-in/zoom-out button
- Red LED for recording status



How to Order

Model Number	Description
DTX-FC	Front camera and windshield mounting kit
Optional Mount	
DTX-CSM	Suction-cup mount kit

Specifications

Image sensor	1/4-type EXview HAD CCD (PS)
Effective number of pixels	NTSC: 380,000 pixels PAL: 440,000 pixels
Lens	12x optical zoom lens f=3.7 mm (wide) to 44.4 mm (tele), F1.6 to F2.5
Digital zoom	12x (144x with optical zoom)
Horizontal resolution	550 TV lines
Angle of view (H)	53.6° (wide end) to 4.6° (tele end)
Minimum working distance	10 mm* (wide) ~ 800 mm (tele) *Default: 290 mm
Sync system	Internal / External (V-lock)
Minimum illumination	Approx. 1.0 lx (F1.6, 50 IRE) *Tentative
S/N ratio	More than 50 dB
Video output - Analog	VBS: 1.0 Vp-p (sync negative)
Video output - Digital	Y/Cb/Cr 4:2:2 (comparable to ITU-R BT656) (via LVDS)
Camera control interface	VISCA protocol (CMOS 5 V) 9.6 Kbps, 19.2 Kbps, 38.4 Kbps Stop bit, 1 bit
Electronic shutter	1/1 to 1/10,000 s, total 22 steps
White balance	Auto, ATW, Indoor, Outdoor, Outdoor Auto, Sodium Vapor Lamp (Fix/Auto), One-push, Manual
Gain	Auto/Manual/Max. Gain Limit (-3 to +28 dB, +2 dB step/total 16 steps)
AE control	Auto, Manual, Priority mode (shutter priority & iris priority), bright

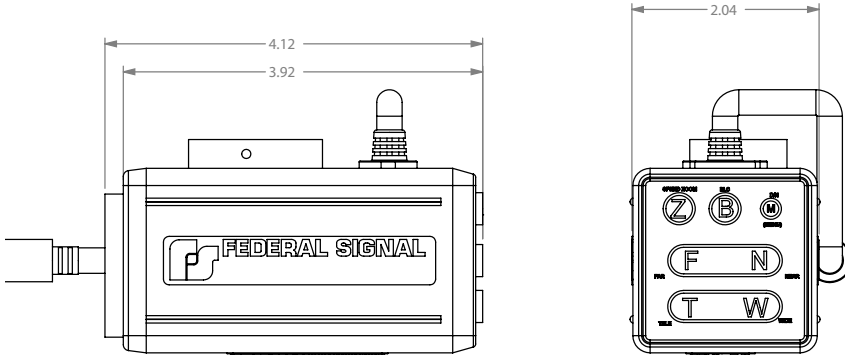
DTX In-Car Video - Digital Video Recorder continued

Focusing system	Auto (Sensitivity: normal, low), One-push AF, Manual, Infinity, Interval AF, Zoom Trigger AF, Focus Compensation in ICR On
Storage temperature	-20° ~ 60°
Operating temperature	-5° ~ 60°
Power requirements	6.0 V ~ 12.0 V DC
Power consumption	3.7 W (motors active) / 2.3 W (motors inactive)
Shipping Weight	0.85 lbs (0.39 kg)
Physical Dimensions	
W x D	2.04 in (5.2 cm) x 4.12 in (10.5 cm)



DTX-CSM - Windshield Suction-cup mount kit

CAMERA DIMENSIONS



Z	Speed Zoom
BLC	Back-light Compensation
M	Menu Operation
F	Focus Far
N	Focus Near
TELE	Tele Zoom
Wide	Wide Zoom



Windshield Mount