



**L3HARRIS™**  
FAST. FORWARD.

## **RF-7400E-VP**

### Tactical Video Processor (TVP)

#### GENERAL

Video Input	NTSC/PAL analog video
Compression	ITU H.264 (MPEG-4 Part 10/AVC)
Transport Protocol	MPEG-2 transport stream
Video Protocol	RTP / RTSP
Digital Video Output	USB 1.1
Frame Rate	5–30 fps (frames per second)
Frame Size	NTSC: 704 x 480 to 352 x 240 PAL: 704 x 576 to 352 x 288
Streaming Bit Rate	64 kbps – 1 Mbps
Storage	8 hours of 1 Mbps / 30 fps video
Bullet Camera Power Supply Output	12 VDC @ 250 mA
Battery Life (using supplied bullet camera — constant stream/storage)	High-capacity lithium-ion battery: 8 hours

#### SPECIFICATIONS

Dimensions (without battery)	3.5 H x 3 W x 1.3 D in (8.9 H x 7.6 W x 3.3 D cm)
Weight (without battery)	8.5 ounces (0.25 kg)
Color	Black

#### ENVIRONMENTAL

Temperature	-22°F to 140°F (-30°C to 60°C)
Standards	MIL-STD-810G
Immersion	1 m (3 ft)

#### KIT CONTENTS

Tactical Video Processor Module
Rechargeable lithium-ion battery (optional charger)
Programming cable
Operator's card

#### ANCILLARIES KITS (sold separately)

RF-7400E-IK001 Bullet Camera Imager Kit
RF-7400E-IK002 Long-Range Camera Imager Kit (tripod included)
RF-7400E-CV001 Falcon C2View — Video Management Application
Cable connection to appropriate radio
12055-0714-A003 USB-Ethernet adapter used to attach TVP to an RJ-45 connection
12085-2226-01 Camera Video/Power Cable Kit
12985-226-02 Camera Video Cable Kit



The L3Harris RF-7400E-VP body-worn Tactical Video Processor allows tactical edge forces to quickly capture ISR surveillance footage from cameras and share with mobile command centers via radio link. The TVP leverages advanced capabilities of L3Harris Falcon III® wideband radios to support real-time video streaming and critical updates to the Common Operational Picture. This lightweight solution digitizes and converts analog video to advanced compression standards, reducing bandwidth and storage requirements while preserving image quality.

## RADIO INTEROPERABILITY (radios sold separately)

Falcon III RF-7800S-TR (Secure Personal Team Radio)  
using 12085-2211-A004 cable

Falcon III RF-7850M-HH (Multiband Networking Handheld)  
using 12085-2212-A004 cable

Falcon III RF-7800M-MP (Wideband Networking Manpack Radio) or  
AN/PRC-117G (Multiband Networking Manpack Radio)  
using 12085-2216-A006 cable

Falcon III AN/PRC-152A (Type 1 Wideband Networking Handheld Radio)  
using 12085-2225-01 Cable Kit

Falcon III RF-7850S SPR™ (Advanced Wideband Secure Personal Radio)  
using 12164-2211-A004 cable

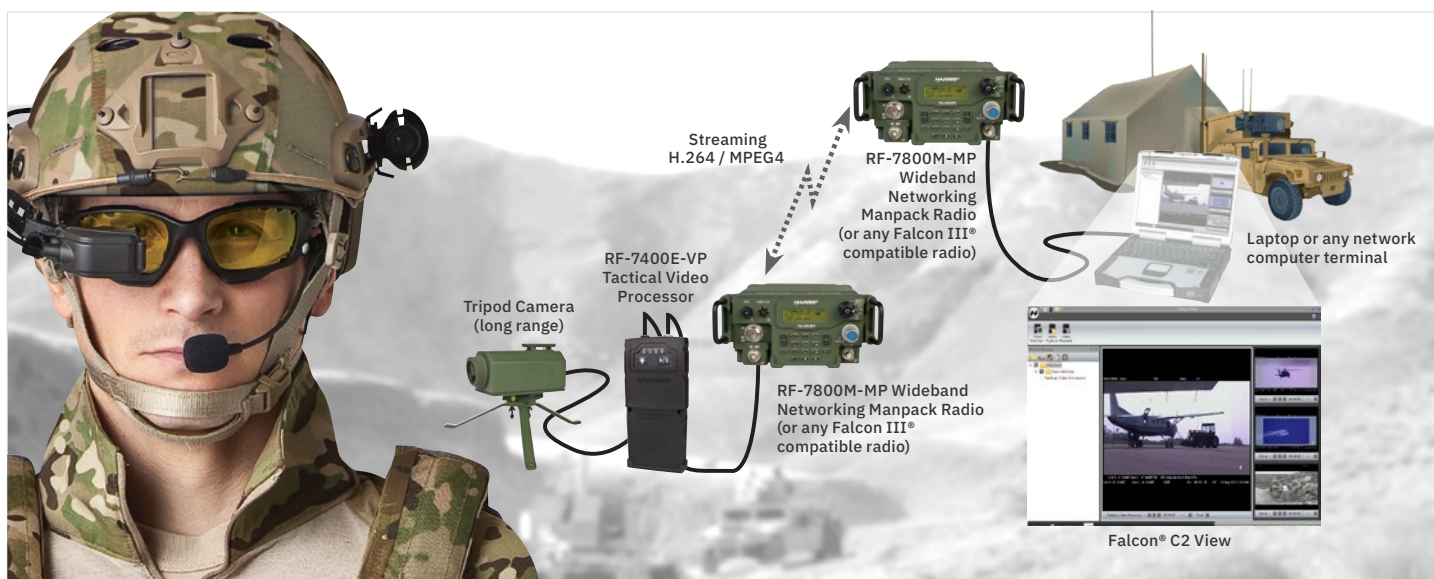
## FALCON C2VIEW MANAGEMENT APPLICATION (sold separately)

Real-time video monitoring of video streams

Operator commands TVPs to start/stop streaming

Playback of archived video

Select video stream to forward to higher echelon



Operation concept for tactical, tripod-mounted scenario: TVP captures and transmits long-range video ISR



Operation concept for helmet-worn scenario: TVP acquires and shares short-range surveillance footage from helmet-mounted camera

### RF-7400E-VP Tactical Video Processor (TVP)

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