



FFI TACTICAL

a division of Field Forensics, Inc.

FFI TACTICAL
1601 3rd Street South
St. Petersburg, Florida - USA
Toll Free: 1.877.809.4253
Tel: 1.727.490.3609
Fax: 1.727.490.3610
Email: info@ffitactical.com
Web: www.ffitactical.com

Under Door Viewer

The UDV Scorpion has been designed to obtain live video and audio from within a stronghold by the insertion of its 3.5mm blade width, comprising of the very latest optical array, taking the image to the very forefront of the blade. This latest technology is used to provide the very best images available to commanders preparing risk assessments in hostile environments.

Operating alongside the highly sensitive and operationally proven Knowles FG series of miniature microphone, reporting to a high resolution, low light capability, monochrome camera onto a TFT screen. This presents the only truly effective solution to this dangerous area of operations.

For the first time the Scorpion is provided with an under door illuminator mat at 940nm (covert Infra- red Illuminator not visible from human eyes)

The Under Door Viewer is an integral part of any Rapid Intervention Team, and provides that vital in- telligence of numbers of persons that are secreted within a given area, and therefore a perfect fit in the “Through the Wall Solutions” concept promoted by Acustek with the aim of offering a set of elements needed for gathering crucial information on delicate operations.

The gathering of video and audio intelligence is essential in providing the operational commander with the most effective solution to the clear identification of threats. Reduced thickness of the camera blade allow more doors to be accessed operationally.

The UDV is made from ruggedized aluminum and plastic making the device very rugged and suitable for most under door operational scenarios.





- 1 x Under Door Viewer Unit
- 1 x Covert IR Illuminator LED plate
- 1 x Sennheiser headphones
- 1 x Extendable Telescopic Handheld Arm
- 1 x Charging unit
- 1 x User Manual
- All in one Pelican carry case.

BODY	
Power	POWER, STOP, RECORD, LOCK
Rechargeable Port	Port on the side of the Monitor
Charger	Supplied DC 5V/3A charger
Audio out	3.5mm socket for headphones or built-in external speakers
Blade	3.5mm insertion blade with latest Quartz Fibre and Knowles Microphones
Weight	UDV with Monitor: 2.97 kg; Whole set in a case: 11.7 kg
FIBRE BUNDLE	
Fibre	30K Pixel Micro Quartz Image Fibre, 150 mm, Ø 1.9 mm
Insertion tongue length	140 mm (from body)
Forward View	0 degrees
Field of view	60 Degree inverted
Focus range	5mm to Infinity
CAMERA	
Overview	WATEC 910HX CCIR High Resolution 1/2" Black & White CCD Camera
Resolution	More than 570 TVL
Current consumption	1.38W (115mA)
Gain Control	Automatic
Operating Temperature	-10C to + 50C
MONITOR	
Video Inputs	PAL/NTSC Auto Detection
Display	5" RGB 800 X 480 Colour TFT LCD
Viewing	Horizontal - + / - 60 degrees - Vertical - + 15 to - 30 degrees
Brightness	Typically 250cd/m2
Controls	Front panel: ON/OFF switch. Audio level, Contrast, Brightness
Temp	- 10 deg. to + 45 deg. C ambient
Audio	Knowles Microphone connected to audio within the monitor



ACUSTEK Ltd.
 Unit 13, North Street Business Park,
 Seatown West,
 Swords, Co Dublin,
 K67 R2N3, Ireland