



# VisionScope Technologies

## VST Thermal Imaging Video Endoscope



### **VST Thermal Imaging video endoscope**

18mm dia 4 way tip angulation, 4.3" detachable LCD screen with video/jpeg record by memory card.

8mm dia polyurethane outer sheath on guide shaft  
1.5m metre. other lengths available on request.

Ideal for Security applications where full portability is required.

**VisionScope Technologies**

**3 Pendrick Close**

**Coton, Cambs. CB23 7GZ**

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## TECHNICAL SPECIFICATION

### The main technical parameters

#### 1, the camera parameters

<b>Camera specifications</b>	With 16mm	<b>Angle of view</b>	90 degrees
<b>The number of pixels</b>	80*60 or 160*120	<b>Camera shell</b>	Alloy steel
<b>The depth of field (line of sight)</b>	10mm~∞	<b>Lighting type</b>	/

#### 2, display and system configuration

##### The operating rod

<b>control and guide bearing</b>	four direction	<b>Fixed range</b>	Locking key
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<b>Orientation angle</b>	Unilateral 120 degrees	<b>The guide distance and the length of</b>	The standard 1.5 meters
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<b>Axial control</b>	360 degrees of axial rotation	<b>Insert the tube</b>	Plastic
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#### 3, display and system configuration

<b>The weight of the system</b>	The whole set of equipment including: 6kg: <1kg bare metal chassis	<b>Packing size</b>	53cm X 42cm X 16.5cm
<b>Power Supply</b>	Lithium battery: 3.7V, 3000maH	<b>The structure of the material</b>	Plastic bags PC fall proof shell
<b>LCD screen</b>	Highlight 4.3 inch display	<b>Brightness adjustment</b>	Manual adjustment
<b>I/O port data</b>	USB2.0 port, Tvout Video signal output	<b>Memory</b>	8G High speed SD Card (maximum support 32G)
<b>Key function</b>	Menu operation, video Recording, camera	<b>White balance</b>	Automatic white balance
<b>Image function</b>	Mirror image, zoom, preview	<b>Language support</b>	Support in 7

#### 4, work environment

<b>The host system working temperature</b>	-10 ~50 DEG C, the LCD screen 0 degrees below the preheating	<b>Relative humidity</b>	90%, no condensation
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<b>The working temperature of video probe</b>	-20 DEG ~60 DEG, 0 DEG C should reduce the operation guide	<b>Waterproof</b>	The probe and the lens can bear IP67 waterproof
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<b>Storage temperature</b>	-20 ~60 OC
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