

Typical Applications: Pipeline, Drain, Sewer, Ducts, Chimneys, Machinery and Building Inspection



**Key Features:**

- > 1/3 inch Sony CCD camera, 110° wide vision angle
- > Stainless steel super short camera head, IP 68 water proof level
- > Sapphire glass lens cover, 12 white LEDs
- > Diameter of camera: 23 mm
- > 30M fiberglass rod cable with stainless reel
- > Cable reel rotatable in the case
- > One touch record button,
- > 7" TFT LCD monitor with DVR
- > Rechargeable High capacity Li-battery (6600mA) for 8 hours continuous working
- > Waterproof ABS suitcase with all parts included

Model No.	3199F
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**Camera Head**

**Cable Reel**



Sensor:	1/3" Sony CCD	Material:	Fiberglass rod cable
Head Diemention:	23mm (dia.) ×45mm (length)	Wheel:	Stainless steel wheel
Camera Material:	304# Stainless Steel	Cable Length:	20, 30 or 40m optional
View Angle:	110° wide angle	Connector:	Gold touch-point connector
Lens Cover:	Sapphire glass	Rotation:	Rotable in the suitcase
Leds:	12 High Bright White LEDs	Wheel diameter:	33cm
Water Proof:	IPX8	Cable diameter:	5.4mm

**LCD Display and DVR**

LCD Resolution:	800*480 pixels	LCD Size:	7 inch
Video Compress:	MPEG-4	Language:	9 Languages
Recording:	Video and audio recording	Panel Control:	Any Funtions through buttons
Picture:	Picture shot function	External Memory:	SD Card (Max. 32GB)

**Other Accessories:**

Remote Control	Water Proof Heavy Duty Case	Car Charger & AC-DC adapter	Battery Box (6600mA rechargeable Li-battery)
			