

# 28mm Pipe Inspection Camera System

**SUBSURFACE  
INSTRUMENTS, INC**

Premier developer, manufacturer and distributor of high frequency and magnetic locators, PVC pipe detectors, PE Pipe, metallic pipe, cable and custom specialty locators.



| Camera Head                  |                               |
|------------------------------|-------------------------------|
| Camera Size:                 | ø28mmX268mm                   |
| Spring length:               | ø22.3mmX160mm                 |
| Transmitter:                 | 512Hz                         |
| Sensor size:                 | 1/4 inch                      |
| View angle:                  | 120°                          |
| Work current/supply:         | 100MA / DC12V                 |
| Camera light:                | 12PCS white LEDS              |
| Resolution:                  | PAL: 720X576<br>NTSC: 720X480 |
| Glass material:              | Sapphire glass                |
| Shell material:              | Stainless steel               |
| Cable Wheel                  |                               |
| Cable size:                  | 460(L)X270(W)X560(H)          |
| Wire material:               | Fiberglass rod                |
| Wire length:                 | 60m(Max 80m)                  |
| Wire diameter:               | ø7.0mm                        |
| Wheel material:              | Stainless steel               |
| Meter counter & handle-brake |                               |
| Fiberglass color:            | Yellow                        |
| Wheel size:                  | L88XW39XH62mm                 |

| Monitor              |                      |
|----------------------|----------------------|
| Size:                | 7inch digital color  |
| Total Pixels:        | 1440X234             |
| Work current/supply: | 250MA / DC12V        |
| OSD language:        | English              |
| Image reversible     |                      |
| Model:               | 16:9&4:3             |
| Sunshade             |                      |
| Li-ion Battery       |                      |
| Total Power:         | 14W                  |
| Charge time:         | 5hours               |
| Protective voltage:  | 8.1V                 |
| Work time:           | ≥260minutes          |
| Suitcase             |                      |
| size:                | L460XW370XH180mm     |
| Material:            | Engineering plastics |
| Charger              |                      |
| Input:               | AC100-240V~50/60Hz   |
| Output:              | DC 12V/1000MA        |
| DC plug diameter:    | 2.1mm                |

| Control Box                 |                                             |
|-----------------------------|---------------------------------------------|
| Power supply:               | 12V                                         |
| Work current:               | 200MA                                       |
| Storage medium:             | 8G SD card(max 32G)<br>SD card reader       |
| Battery level display       |                                             |
| Picture snap & movie record |                                             |
| DVR Total Pixels:           | 720X576 (D1)                                |
| Movie format:               | AVI                                         |
| Microphone Audio record     |                                             |
| Stereo earphone output      |                                             |
| Keyboard                    |                                             |
| Size:                       | 220X118X18mm                                |
| Language:                   | English                                     |
| Interface:                  | USB                                         |
| Text Edit Line:             | PAL 27letter 14line<br>NTSC 27letter 12line |
| Max Edit Page:              | 4pages                                      |
| Skids                       |                                             |
| Skid -1                     | ø40mm                                       |
| Skid -2                     | ø90mm                                       |