

OPTRONIC SYSTEM

SPECS



**Optronic 18mm & 23mm
Custom System**

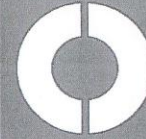
**Toughened Polymer Reel
with power supply control
unit and 60m of cable
(Flexible Kevlar cable)
Camera Head – 18 & 23mm
dia.
Battery Pack
Pressure tested to 7 bar.**



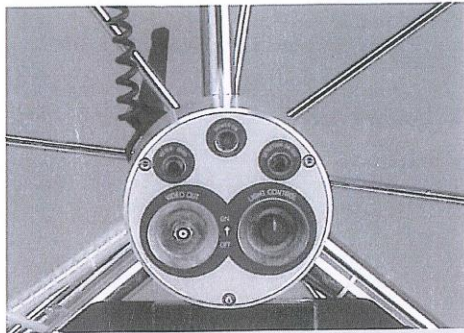
**Two Camera Options
Interchangeable**

- **23mm Camera head**
- **18mm Camera head**

SAN-SCOPE® 6.0



OPTRONIC



- 1 **CCD spherical camera head 32, color**
- 2 **CCD camera head 23, color**
- 3 **CCD camera head 3250AB, color with upright image**
- 4 **CMOS camera head 18 PAL or NTSC, color**
- 5 **CMOS camera head 15 NTSC, color or b&w**
- 6 **CCD camera head 3237, color**

Part No.	Technical Specifications
----------	--------------------------

Standard equipment

066-712s	Basic San-Scope 6.0
	Galvanized steel winder
	50 m x 6.0 mm fiberglass pushrod
	Continuously variable illumination
	BNC video out
	100 to 250 V power supply
	3237 color CCD camera head, 37 mm long
	Stainless steel housing, c-LED

Camera heads for 6.0 mm fiberglass

		Illuminates up to
066-741c	32 color CCD spherical camera head	DN 300
066-811c	3237 color CCD camera head	DN 300
066-800c	3250AB color CCD camera head with upright image	DN 300

Upgrades for dual-camera system

		Illuminates up to
11125	Upgrade for dual-camera San-Scope 6.0 system	
11109e	5 m Varioflex pushrod, stainless steel	
11111e	10 m Varioflex pushrod, stainless steel	
11112e	15 m Varioflex pushrod, stainless steel	
066-703m	15 b&w, CMOS camera head	DN 50
066-706m	15 NTSC, color CMOS camera head	DN 50
065-702m	18 PAL, color CMOS camera head	DN 70
066-704m	18 NTSC, color CMOS camera head	DN 70
066-740m	23 color CCD camera head	DN 100

Options

065-712	5.6" TFT in casing with ball & socket joint, mounted on winder
065-740	Cable distance counter and on-screen display
065-235	On-screen data overlay
065-720	33 kHz or 512 Hz positioning transponder; circuit board in control cabinet; Positioning spool in camera head
222001	33 kHz or 512 Hz positioning spool for all other camera heads
066-202	Battery pack for about 2.5 hours
17700	12 V system for operation in a vehicle
065-012	Guide skid 3237 for pipes ≥ DN 60
065-010	Roller skid SS85 for pipes ≥ DN 100
065-002	80 mm centering & alignment brush for use in pipes ≥ DN 100
065-003	120 mm centering and alignment brush for use in DN 150 to DN 200 pipes

Sizes & weight

		with TFT	10-m-Varioflex	Battery pack
Height, mm	650			
Width, mm	560			
Depth, mm	250	270		
Weight, kg	9.7	11	1	0.3

Issued 07/2007: Technical specifications subject to change

Design: Interim/modified Photo: ingpa/Magnusson

Camera heads

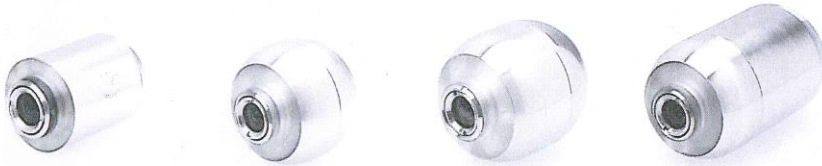


OPTRONIC

With the appropriate adaptor, the camera heads are interchangeable.



Specification	15 s/w	15 color	18 PAL	18 NTSC
Part No.	066-703m	066-706m	065-702m	066-704m
Size, mm	15,5 x 20	15,5 x 20	18 x 30	18 x 22
Color	b&w	color	color	color
Signal	PAL	NTSC	PAL	NTSC
TV-lines	240	380	380	380
Focusing	fixed	fixed	fixed	fixed
Lens	wide-angle	wide-angle	wide-angle	wide-angle
Illumination	0,5 lux / f 1,4	1,5 lux / f 1,4	3 lux / f 1,4	1,5 lux / f 1,4
Lighting	6 x m-LED	7 x m-LED	6 x m-LED	9 x m-LED
Illuminates up to	DN 50	DN 50	DN 70	DN 70
Waterproof (bar)	2	2	2	2



Specification	23	32	3237	3250AB
Part No.	066-740m	066-741c	066-811c	066-800c
Size, mm	23 x 33	32 x 32	32 x 37	32 x 60
Color	color	color	color	color
Signal	PAL/NTSC	PAL/NTSC	PAL/NTSC	PAL/NTSC
TV-lines	380	380	380	380
Focusing	manuel	manuel	manuel	manuel
Lens	wide-angle	wide-angle	wide-angle	wide-angle
Illumination	1 lux / f 1,2	1 lux / f 1,2	1 lux / f 1,2	1 lux / f 1,2
Lighting	12 x m-LED	9c-LED	9c-LED	9c-LED
Illuminates up to	DN 100	DN 300	DN 300	DN 300
Waterproof (bar)	5	5	5	5

Issued 07/2007; Technical specifications subject to change