

SPECIFICATION

SOLOPro+ 50 Pan-Rotate & Laser		
CCU210 CONTROLLER	Video format	PAL
	Battery	6-hour Lithium-Ion
	Charging	Mains power (100-240 Vac) or vehicle power (12 or 24 VDC) using supplied adaptors
	Display	8" TFT LCD (800 x 600 pixels) Sunlight viewable
	Keyboard	Full QWERTY* style membrane keyboard with arrow keys for navigation and separate joystick for camera control.
	Video recording	MPEG4 (WinCan compatible)
	Image capture	JPEG (live or from recorded video)
	Text overlay	16 page (selectable text and colours)
	Internal memory	32 GB (expandable to 128 GB)
	External media	SDHC and USB 2.0
	Language support	Multiple
	Connections	Power and Coiler
	Environmental rating	IP54
COILER	Weight	3.85kg (8.5lb)
	Dimensions	(W x H x D) mm 435 x 250 x 140 (W x H x D) inches 17.1 x 9.8 x 5.5
	Construction	Welded Steel
	Finish	Powder Coated
	Distance Counter Units	Feet, Metres
	Controls	Friction Brake
	Weight	40m - 15kg (33lb) / 60m - 20kg (44lb) / 100m - 30kg (66lb)
CAM050 PAN & ROTATE	Sonde	33 kHz / 512 Hz / 640 Hz
	Dimensions	40m (130') 530 x 365 x 690mm / 20.8 x 14.3 x 27.1 inches 60m (200') 690 x 370 x 890mm / 27.1 x 14.5 x 35 inches 100m (330') 790 x 370 x 960mm / 31.1 x 14.5 x 37.7 inches
	Imager	CMOS Colour Camera
	Effective pixels	976 x 496
	Resolution	740 TVL
	Sensitivity	< 1.0 Lux
	Aperture / Field of view	F2.5 / 75°
	Image orientation	Auto-levelling
	Size	49mm (1.93") diameter
	Illumination system	4 LEDs
	Illumination intensity	Adjustable (to 12.5k Lux at 150mm)
	Construction	Stainless Steel/Aluminium
	Pipe compatibility	Greater than 60mm (2.36")
SOFTWARE	Pipe adaptor kit	Skids to suit 100mm (4") and 150mm (6") Pipes
	ProPIPE+ reporting	
	WinCan embedded	
	WinCan web	
ACCESSORIES	Email and File Share from CCU	
	Reel-to-controller cable	
	Vehicle power adaptor	
	Mains power adaptor	
	Memory	8 GB USB Drive / 8 GB SDHC card
	Accessory case	
OPTIONAL	Mini-Cam lanyard	
	Composite Video input cable	Product Code: SPP-EVL
	Memory card upgrade	16GB / 32GB
	Roller skids	Not available
	Tilting table	Product Code: TCC01
	All terrain wheels	Product Code: SPP-ATA

- Standard
- Optional
- Not applicable
- △ Alternative languages available (details on request)



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A Halma company

SOLOPro⁺50

PIPELINE VIDEO INSPECTION SYSTEM

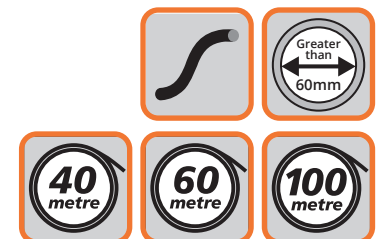
NEW

RUGGED RELIABLE INTELLIGENT

MINI-CAM'S ROBUST & COMPACT
PAN-ROTATE CAMERA IS
ENGINEERED TO PERFORM
ACCURATE INSPECTIONS
IN SMALL DIAMETER PIPES

INTEGRATED LASERS
AND DISTANCE SENSOR
ENABLE **PIPE DIAMETER AND**
DEFECT MEASUREMENT

NEW EXTRA-FLEXIBLE
PUSHROD HELPS NAVIGATE
TIGHT BENDS AND
LATERAL ENTRIES



FUNCTIONALITY AT YOUR FINGERTIPS CCU210

Feature rich, Mini-Cam's CCU210 Control Unit has an integral joystick for camera control, and an ergonomic soft-touch keypad. User friendly multi-function hot keys control an intuitive on-screen display, to enable quick and accurate navigation of the numerous features, which all come as standard on this brain of the SOLOPro+50 system. Mini-Cam's Easy-Fit case design, means attaching and removing the control unit is quick, easy and requires no tools. Simply lift the control unit onto the coilerframe, connect with the supplied link lead and you're ready to start your inspection!



Wi-Fi

SUNLIGHT
VIEWABLE

Li-ion
Battery

genuine
embedded
reporting
WinCan

ProPIPE+
REPORTING SOFTWARE

WinCan

SOLOPro⁺50

PIPELINE VIDEO INSPECTION SYSTEM

Designed and developed
for inspections in small
pipe diameters

NEW Extra Flexible Rod
Semi-rigid with a tough,
durable outer sheath

Choose from
3 Rod Lengths

40
metre

60
metre

100
metre



**Integrated
Meterage
Measurement**
Records the
revolutions of
the rotating basket

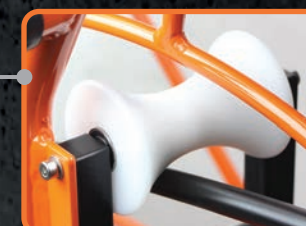
MULTI-FREQUENCY
SONDE
33kHz / 512Hz / 640Hz



Easy-fit Control Unit
Our unique cowhorn
bracket enables tool-free
fitting and removal.



Heavy Duty Connector
Water resistant, designed
for quick, easy connection.



Rod Roller
Protects the rod sheath
when paying out and
rewinding.



Friction Brake
A simple one handed
operation. The brake can
be fully locked, unlocked or
applied as a friction brake
to avoid unwanted pay-off
of the rod.

Compact Pan, Rotate & Laser Camera

Expertly engineered in stainless steel and aluminium, this robust camera offers maximum pan and rotate flexibility for use in small diameter pipe applications, from 50mm up. The camera features an integral distance sensor and dual aligned visible lasers, to enable accurate pipe diameter, defect and object measurement, directly from the SOLOPro+ control unit. The precision camera lens and four ultra-bright LED's guarantee clear, defined, quality inspection images.

- ✓ 360° CONTINUOUS ROTATION
- ✓ +/-135° PAN
- ✓ DUAL ALIGNED LASERS
- ✓ DISTANCE SENSOR
- ✓ 4 ULTRA-BRIGHT LED's

