

SPECIFICATION

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 ^Δ 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	■
	Weight	3.85kg (8.5lb)	
	Dimensions	(W x H x D) mm (W x H x D) inches	435 x 250 x 140 17.1 x 9.8 x 5.5
COILER	Construction	Welded Steel	■
	Finish	Powder Coated	■
	Distance Counter Units	Feet, Metres	■
	Controls	Friction Brake	■
	Rod Length	40m / 60m / 100m	□
	Sonde	33kHz / 512Hz / 640Hz	■
MINI COILER	Construction	Welded Steel	■
	Finish	Powder Coated	■
	Rod Length	30m	■
	Weight	Frame inc reel 5.5Kg Frame without reel 1.7kg	■
	Dimensions (inc reel)	(HxDxW) cm 570 x 240 x 400	■
	Dimensions (without reel)	(HxDxW) cm 570 x 240 x 270	■
CAM025 AXIAL	Imager	1/4" colour CCD with DSP (Digital Signal Processor)	■
	Effective Pixels	512 x 582	■
	Resolution	470 HTVL	■
	Sensitivity	< 1.0 Lux	■
	Aperture / Field of View	F2.5 / 75°	■
	Image Orientation	Auto-levelling	■
	Size	41mm (1.16") diameter	■
	Illumination System	4 LED	■
	Illumination Intensity	Adjustable (to 12.5k Lux at 150mm)	■
	Construction	Stainless Steel	■
	Pipe Compatibility	50mm (2") and up	■
	Pipe Adaptor Kit	3" / 4" / 6" Skids	■

CAM026/L PAN & ROTATE	Imager	1/4" colour CCD with DSP	■
	Effective pixels	512 x 582	■
	Resolution	470 HTVL	■
	Sensitivity	< 1.0 Lux	■
	Aperture / field of view	F2.5 / 75°	■
	Image Orientation	Auto-levelling	■
	Size	74mm (2.9in) dia	■
	Illumination System	6 LED	■
	Illumination intensity	Adjustable (to 12.5K Lux at 150mm)	■
	Construction	Aluminium / Stainless steel	■
CAM030	Pipe compatibility	100mm (4") and up	■
	Pressure Depth Rating	1 bar (14.50psi)	■
	Aligned Laser Spacing (CAM026L)	25mm	■
	Dimensions	120 x 74 x 74mm (L x W x H)	■
	Pipe adaptor kit	6" / 8" Skids	■
	Imager	1/3" colour CCIQ CMOS	■
	Effective Pixels	976 x 496	■
	Resolution	F4 HTVL	■
	Sensitivity	< 1.0 Lux	■
	Aperture / Field of View	F2.0 / 70°	■
SOFTWARE	Image Orientation	Non - levelling	■
	Sonde	512Hz or 640Hz	□
	Size	Wx L 30mm x 26mm	■
	Illumination System	4 LED	■
	Illumination Intensity	Adjustable (to 12.5k Lux at 150mm)	■
	Construction	Stainless steel	■
	Pipe Compatibility	30mm + up	■
	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	with Centering Skids	■
	Mini-Cam Lanyard		■
OPTIONAL	Composite video input cable	Product Code: SPP-EVL	□
	Memory card upgrade	16GB / 32GB	□
	Roller skids	130mm / 180mm	□
	Tilting Table	Product Code: TCC01	□
	All Terrain Wheels	Product Code: SPP-ATA	□

- Standard
- Optional choice when ordering
- Optional extra
- Δ Alternative languages available (details on request)

SOLOPro⁺Trio

PIPELINE VIDEO INSPECTION SYSTEM

ULTRA VERSATILE
EXTRA FLEXIBLE
INTELLIGENT

A THREE CAMERA UNIT
SPECIALLY DESIGNED
AND DEVELOPED TO
PROVIDE AN INCREASED
RANGE OF INSPECTION
POSSIBILITIES FROM
COMPACT SYSTEM

THE UNIQUE DETACHABLE
MINI COILER IS PERFECT
FOR SMALL DIAMETER
PIPE INSPECTIONS
IN HARD TO REACH
APPLICATIONS

NEW



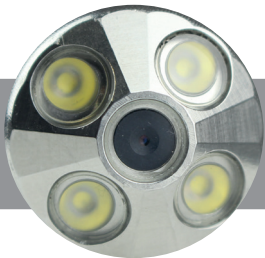
30
metre

CHOICE OF MAIN COILER SIZE

40
metre

60
metre

100
metre



FEATURING CAM030
MINI-CAM'S NEW MINIATURE AXIAL CAMERA

Discover more InPipe Innovation at minicam.co.uk



A Halma company

Mini-Cam Unit 4, Yew Tree Way, Stonecross Park, Golborne,
Warrington, WA3 3JD, United Kingdom

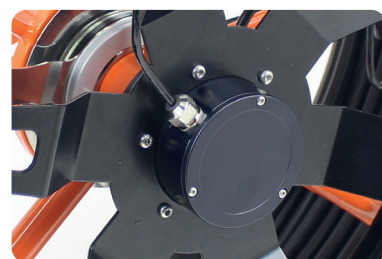
Tel: +44 (0) 1942 444555 Email: info@minicam.co.uk



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QUICK RELEASE **INTERCHANGEABLE COILER BASKET**



The SOLOPro+ Trio system features a unique quick release spring clip to make removing and attaching the mini coiler basket quick, easy and secure.



Using two hands to squeeze the clip, the basket is detached from the frame. The mini coiler basket is then offered up to the location plate on the large coiler frame and the quick release clip is then released to secure the basket to the frame and make the electrical connection to the control unit housing ready for use.



MINIATURE AXIAL CAMERA **CAM030**



Expertly engineered in stainless steel, the precision CAM030 (shown below actual size) offers maximum flexibility for use in small diameter pipe applications. The generous 390mm length, in-built springiness and four ultra-bright LED's enables unlimited adaptability for those hard to navigate, awkward situations.



CAM030 ACTUAL SIZE

SOLOPro⁺ Trio

CHOICE OF ROD LENGTHS



CAM025

HEAVY DUTY CAMERA CONNECTOR



Trio system include:
 1 x Axial Camera CAM025
 1 x Pan, Rotate & Laser Camera CAM026L
 1 x Miniature Axial Camera CAM030

CAM026L

CAM030



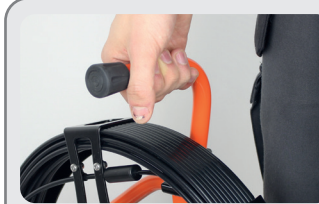
In-built friction brake to secure the rod at the required length



Easy-fit control unit



Easy-fit of the control unit to the mini basket frame



In -built carry handle for comfort and portability

Heavy duty powder coated tubular steel basket frame†

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+ Trio system.

Mini-Cam's 'Easy-Fit' control unit enables time saving transformation of your Trio system, no special tools required, simply lift the control unit from the large coiler frame and re-position onto the mini coiler frame ready to start your next inspection!



CONTROL UNIT IN USE ON THE MINI BASKET FRAME

FILE SHARE

Quick and simple to use, with just a 3-step menu selection, users can instantly share PDF reports, images and footage via email, or upload WinCan Reports to WinCan Web for secure, immediate, team-wide access online. All that is required to start sharing is a 3G or 4G Wi-Fi connection. Users can create the hot-spot using their smart phone.



*Optional choice when ordering. †Optional extra.