

VISIO Pro C360HD

Full HD

1080 P

Pushrod Cameras

Inspection of pipes $\geq$ DN150

Controller

- Built-in keyboard for text input
- Autonomy $\geq$ 4 h

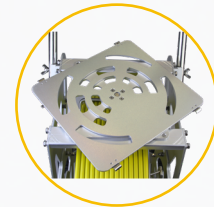
Pushrod

- $\Phi 9$ mm/60 m,
- Meter counter

10.1" HD IPS screen

Joystick

- To steer PAN/TILT camera heads



Rotating support plate

PAN/TILT HD camera head

- PAN360°/TILT180°
- For $\geq$ DN150 pipes
- 10× optical zoom
- 6 LEDs for close view and 6 for farther view



Description

VISIO PRO C360HD is a high-end push-type inspection equipment. To ensure perfect inspection in pipes larger than DN150, its Full HD camera head has PAN360°/TILT180° function and a 10× optical zoom. In terms of illumination, it features 6 LEDs for long-distance viewing and 6 for close-up inspection.

Its controller is equipped with a 10.1" HD IPS screen to display all the details captured by the camera head and sent through an HD rod.

The integrated keyboard allows for well-documented inspections.

Technical Parameters

Camera heads

Models: C360HD by default (C40HD, C360A et C360B in option, refer to *Annex 1 - Camera Heads*)

Dimensions: $\Phi 80$ mm x 152.3 mm

Range: $\geq$ DN150

Housing : 6063 aluminium with hard anodizing

Lens: in sapphire, Sony 1/2.8" CMOS colour

View angle of 60°, PAN360°/TILT180°, 10x optical zoom, adjustable focal length

512 Hz transmitter, distance of 4-5 m

Lighting: 6 LEDs for close view et 6 for farther view

Waterproof: IP68 (1 bar)

1 centring device of $\Phi 135$ mm and 1 adjustable from $\Phi 220$ to 310 mm

Fibreglass Push-rod

$\Phi 9$ mm & 60 m, HD, meter counter

Recording of videos/audio/photos/texts on USB/SD, HD DVR

Keyboard for text input

10.1" IPS screen, 1280 x 800, ratio 16:10

Controller

HDMI output

Joystick for controlling PAN/TILT camera heads

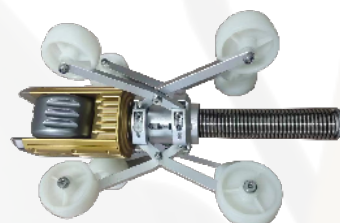
Systems in 7 languages: English, French, German, Spanish, Italian, Portuguese and Russian

9000 mAh Li-Ion rechargeable battery

Weight & Dimensions

Reel: 26.2 kg & 660 x 400 x 820 mm (L x W x H)

Controller: 5.6 kg & 400 x 210 x 330 mm (L x W x H)



Annex 1

Camera Heads



C12B



C14T



C23F (T)



CD23F



CD23FT



CD23HD(T)



C25B



C25BT



C28(T)



C40EB



C40HD



C360A



C360B



C360HD



C360D

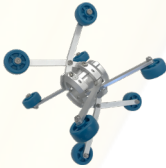
Annex 1

Camera Heads

Models		C23HD(T)	CD23HD(T)	C40EB(T)	C40HD(T)
Applications	Range	DN50 to DN125		DN70 to DN150	
	90° elbows	≥ 65 mm	≥ 65 mm	≥ 75 mm	
	Compatibility	ELEGAM HD	ELEGAM HD	METACAM 20	VISIO Pro
General parameters	Dimensions	Φ23 × 42 mm	Φ23 × 50 mm	Φ40 × 42 mm	
	Materials	Housing in SST, lens in sapphire			
	Protection rating	IP68 (1 bar)			
	Temperature	-20°C to 70°C		-20°C to 55°C	
Technical parameters	Self-levelling	No	Yes	Yes	
	Focal length	10 - 20 cm, fixed			
	Pan/Tilt	No			
	Lighting	9 LEDs		30 LEDs	
	Resolution	Full HD		0.5 MP	Full HD
	Sonde 512 Hz	In option			
Models		C28(T)	C360A (T)	C360B (T)	
Applications	Range	DN50 to DN160	DN70 to DN450		
	90° elbows	≥ 70 mm	≥ 100 mm		
	Compatibility	METACAM 20	VISIO PRO		
General parameters	Dimensions	Φ28 x 48,5 mm	Φ60 x 120 mm	Φ55 × 142 mm	
	Materials	Housing in aluminium, lens in sapphire			
	Protection rating	IP68 (1 bar)	IP68 (1 bar)		
	Temperature	-20°C to 55°C	-20°C to 55°C		
Technical parameters	Self-levelling	No			
	Focal length	10 - 20 cm, fixed	10 - 20 cm, adjustable	10 - 20 cm, fixed	
	Pan/Tilt	360°/210°	360°/180°	360°/210°	
	Lighting	2 LEDs	18 LEDs (strong)	4 LEDs (strong)	
	Resolution	0.4 MP	0.5 MP		
	512 Hz transmitter	In option			

Annex 2

Centring Devices

Models	Photos	Description	Applications	DN ext.
R-SKID40M		Guide with wheels C40 (Middle)	Φ40 mm camera heads	135 mm
R-SKID40L		Guide with wheels C40 (Large)	Φ40 mm camera heads	180 mm
R-SKID360S		Guide with wheels 360 (Small)	C360B camera heads	110 mm
R-SKID360M		Guide with wheels 360 (Middle)	C360B camera heads	150 mm
R-SKID360L		Guide with wheels 360 (Large)	C360B camera heads	200 mm
R-SKID-C360HD-S		Guide with wheels	C360HD camera heads	135 mm
R-SKID-B-360-FLEX		Adjustable guide with wheels for C 360B	C360B camera heads	130 - 300 mm
R-SKID-C360HD-FLEX		Adjustable guide with wheels for C 360HD	C360HD camera heads	220 - 310 mm