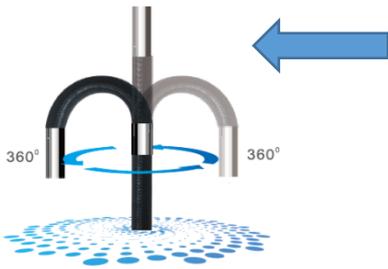


# N-series

Industrial Endoscope



## Technical Advantages



◆ Flexible Control electromagnetic rocker control structure, probe bends arbitrarily for 360°

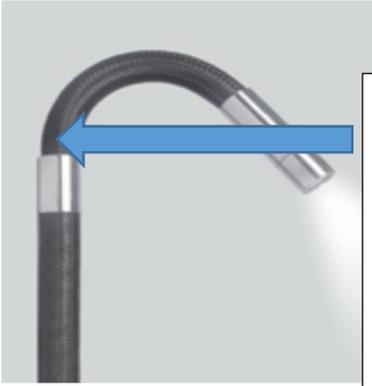


◆ HD Screen □ 5 inch screen, 450,000 pixels, high definition and rich image.

◆ Light blocking design at the top, screen still viewable under



◆ Variety Choices □ Single, double and IR night vision lenses to meet different demands.



- ◆ Anti-friction and anti-erosion insertion tube is woven with 4-layer of tungsten alloy.
- ◆ Probe luminance can reach 20000Lux, adequate light source



- ◆ Portable---main body only weighs 1.5kg
- ◆ The joint of insertion tube and main body is made of soft rubber, so it is not easily folded and broken.
- ◆ Video output and high - capacity SD card to provide convenience for sharing database.
- ◆ Audio/video/photo function to

## Application field

### 1. Aviation & Space Industry



N	N615FN	150±10°	6	1.5	Front	5 - 25mm	24000 lux	90°
	N620FN	150±10°	6	2	Front	5 - 25mm	24000 lux	90°
	N630FN	120±10°	6	3	Front	5 - 25mm	24000 lux	90°
	N410FN	170±10°	3.9	1	Front	7 - 80mm	6000 lux	100°
	N420FN	150±10°	3.9	2	Front	7 - 80mm	6000 lux	100°
	N430FN	150±10°	3.9	3	Front	7 - 80mm	6000 lux	100°
	N450FN	150±10°	3.9	5	Front	7 - 80mm	6000 lux	100°
N	Model no	Description						
		Probe bends	Diameter (mm)	Insertion tube length (m)	Camera location	Middle Focal Camera		
						Depth of Field	Luminance	Angle of view
	N615FM	150±10°	6	1.5	Front	7 - 80mm	24000 lux	60°
	N620FM	120±10°	6	2	Front	7 - 80mm	24000 lux	60°
	N630FM	120±10°	6	3	Front	7 - 80mm	24000 lux	60°
	N650FM	120±10°	6	5	Front	7 - 80mm	24000 lux	60°
N680FM	120±10°	6	8	Front	7 - 80mm	24000 lux	60°	
N	Model no	Description						
		Probe bends	Diameter (mm)	Insertion tube length (m)	Camera location	Far Focal Camera		
						Depth of Field	Luminance	Angle of view
	N615FF	150±10°	6	1.5	Front	50mm- ∞	24000 lux	60°
N630FF	120±10°	6	3	Front	50mm- ∞	24000 lux	60°	

## Specification

Module	Submodule	YTE-4N series	YTE-6N series
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<b>System</b>	Dimension	160*460*90mm(main body only) 420*520*220mm(transport case)	
	Weight	1.25kg(main body only) 6.5kg(with transport case)	
	Display screen	5" IPS industrial HD LCD screen	
	Control lever	Electric rocker with lens able to rotate in 360-degree	
	Probe reset	Automatic set	
	Direction fine tuning	Direction fine tuning adjustable	
	Functions	Photography, video, brightness control, locking and fine tuning	
	Internal storage	16G high speed TF card	
	Data I/O port	TF card interface, TVOUT signal interface, charge interface and USB interface	
	Battery	Two 18650 Lithium batteries(replaceable)	
<b>Front video probe</b>	Standby time	4 Hours	
	Brightness Control	4-degree brightness adjustment	
	Probe dimension	4.0mm±0.1mm	6.0mm±0.1mm
	Total length	1-5m	1-8m
	luminance	6,000 lux	24,000 lux
	Angle of view	100°	
	Angle of bending	170±10°(max)~120±10°(min)	
	Effective pixels	Direct view of 750,000 pixels	
	Depth of field (mm)	7-80mm	
	Direction of rotation of lens	Electric rotation of any direction at 360°	
	Material of insert tube	Tungsten wire wear-resistant tube	
	Waterproof of Probe	IP67	

	Operation system	Real time multitasking operation system
<b>Software</b>	User interface	Pull down operation menu
	File management	Support image and video play, delete, format and naming
	Image control	Zoom in/out, playback
	Image format	JPEG/JPG/PNG (record the date and time)
	Video format	AVI (record the date and time)
	Language	English/Chinese/Korean/German/Russian
	Software upgrading	Upgrading available by interfaces