



NANEYE

2K Video Processor



**Healthcare Technology
Innovation Centre**
Collaborate · Innovate · Impact



Indian Institute of Technology
Madras

— A joint initiative of —



Dept. of Biotechnology
Ministry of Science & Technology

FACT SHEET

Ultra Portable Video Processor

HIGHLIGHTS

- Multi-Scope Compatibility

Supports Uretero and Broncho, extendable to Cholangio, Arthro, Cysto scopes

- External Display Output

Supports an external medical monitor through HDMI when required

- Lightweight Design

Easy to carry device with a powerful processing capabilities

- Medical Grade Touch Display

10-point capacitive Touch display can also be used with gloves, enhanced user experience.



TECHNICAL SPECIFICATIONS

PARAMETERS		VALUES
Power supply	Rated Voltage	12VDC @10A
	Dimensions	362 x 270 x 38 mm
Size	Weight	3 kg (Approx.)
	Video Output	13.3" FullHD Touch Display 1 x HDMI @FullHD 30fps
Output	Colour tone adjustment	Supported
	White Balance	Manual White Balance
	Edge Enhancements	Delicate Patterns or Edges can be enhanced for a sharper view
	Freeze	Yes
	Enhanced 2D	A structural enhancement technique that increases local contrast while preserving important textures and preventing noise over-amplification
	MVE	Mucosal and Vascular Enhancement using white light NBI
	BCS	Multi-Level Brightness, Contrast, and Saturation control
	IRIS	Auto light control (Peak and Average)
	Zoom	Normal / 1.25x / 1.5x
	Illumination	White LED at Endoscopy Tip
Imaging	Supported Scopes	Ureterscopy, Bronchoscopy
	User Interface	Touch-Based GUI on 13.3 inch Display
	Controls	1 x USB 2.0

APPLICATIONS

- OPD Diagnostics
- Mobile Care
- Office Procedures
- Training

FEATURES

- User Interface
- Controls
- Settings
- Video Recording
- Image Save
- AI Features