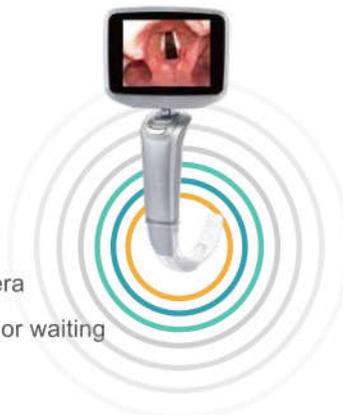# insighters iS3-L Video Laryngoscope

- Unique "Insight Slider" design-one handle for 4 sizes blades：
  - Long level for L/M size blade
  - Short level for S/SS size blade
- Clear viewing：
  - Full digital micro-imaging technology & 300,000-pixel camera
  - Real-time Anti-fog：turn on & intubate, no need preheating or waiting

"insight Slider" design

SS (Neonate)
S (Children)
M (Adult)
L (Large Adult)

Reusable & Disposable blades

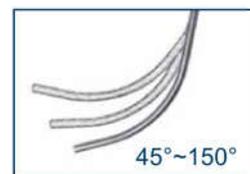### Clear View

Real-time Anti-fog
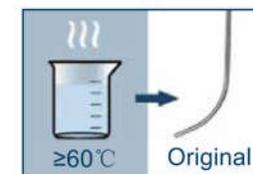
insighters i-Scopes™ Series

insighters iS3-R Video Rigid Laryngoscope

- Insight Shaping technology-semi-rigid stylet design, front end can be shaped according to specific anatomic conditions.
- Memory alloy material stylet-Recover the original shape automatically via hot water 3-4s (≥60℃).
- Oxygen port · supply oxygen during intubation.
- Durable and easy to maintain, no need for consumables.
- Suit for both routine and difficult airway intubation, especially for patients with limited mouth opening or specific anatomic conditions.

insighter iS6 Video Laryngoscope:

- Metal material handle to enhance durability
- 1 million pixels camera, superb image quality

Melleable Stylet

45°~150°

Memory Alloy Material

≥60℃　Original

2.2mm

4.1mm

Tele-medicine
A Powerful Platform

insighters i-Workstation™: A global platform for airway management tele-medicine

i-Workstation™ is a multi-functional airway management platform for global doctors, compatible with i-Scopes™, i-Consumbles™ (with i-Core) through wireless module and cable connection. Insighters aim to bridge a professional, quick-response, and equal-to-access platform for global doctors and healthcare facilities, no matter giant or entrying level, to empower the education, training diagnostics and treatment of visualized airway management.
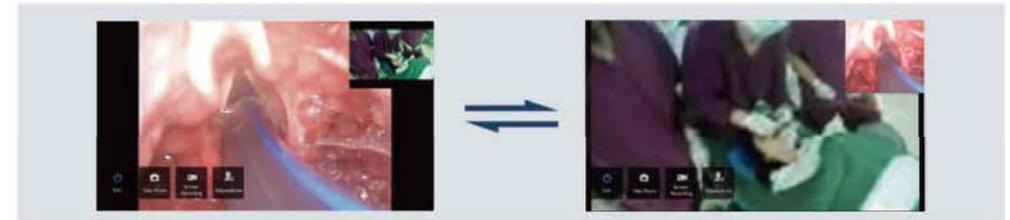
What are the applications of i-Workstation™?

• Tele-medicine
WIFI/4G/5G transmission, supports online consultation with doctors globally.

• Immersive, Instant Online Clinical Training & Education
Real-time 3 channels image display, both endotracheal view & external operating view, brings an immersive training program.

• Make and Manage Medical Reports
The i-workstation™ supports users to make and manage the medical report with photos/videos taken.

• Online Information Platform*
The i-workstation™ supports an online information platform, including medical field news, journals database, academic literature,ect.

*Information platform function will be updated in future version of software.

Workstation PF1

Product

Product Name	Workstation
Model	iS-PF1

General Conditions

Size	34cm x 42cm x 11cm
Weight	2.4 Kg
Material of the shell	Policarbonate-Acrylonitrile Butadiene Styrene Alloy
Display	13.3 inch, TFT-LCD color display
Touch screen	Yes, capacitive touch screen
Classification	Electrical Class II, Applied Part BF, Has Built-in Battery
Compatibility to imaging devices	Yes, compatible to all devices under Insight Airway System, including but not limited to video Laryngoscopes iS3-L|iS6 | iS3-R | iS3-C series | iS3-F series| iS-FN2 | iS-Agile series etc.
Connection method	Wireless connection(≤20m) / Cable connection(2m)
Connection port	Type-C port x 4 | HDMI port x 1 | Headphone port x 1 | Power socket x 2
Storage	built in memory of 32 GB
Resolution of Front camera	1280×720 ppi
Auxiliary ilumination	Yes, two LED light sources
Picture taking	Yes (Single click on the image button)

Comtapibility to printers

Compatibility to external printer	
Wireless connection	Yes, any printer that supports Mopria Print Service
Wired connection	Yes

Performance

Picture in picture display	**Display:** Support 3 channels display of images etheir from devices connected to worstation or from telemedicine.
Display adjustment	Allocate, zoom in/out window, switch main window, for face-to-face intubations and immersive training. • **Record video and take photo:** video size(.MP4): 1920 X1080, still image size(.JPEG): 1280 X 720(Front camera), 640 X 480 (iS3-L), 400 X 400(iS3-R, iS3-C, iS3-F). • **Medical report:** Enable users to make, print and manage the patient's medical report(Video/Image).

Power suppply

DC power supply	12V DC, 0.6-1.4A
Battery type	Lithium-ion
Battery life	Under normal operating conditions, a fully charged, new battery lasts approximately 360 minutes.
Charging time	Charging time off-line will take no more than 6.5 hours from an empty battery to a full charge.
Rated capacity	13000 mAh
Nominal voltage	7.4 V

Wireless Module Battery

Battery type	Lithium-ion
Battery lifespan	Under normal operating conditions, a fully charged, new battery lasts approximately 270 minutes.
Charging time	Charging time off-line will take no more than 4 hours from an empty battery to a full charge, the battery only can be charged by workstation.
Rated capacity	2200 mAh
Nominal voltage	3.7 V
Output frequency	2.4GHz

Shipping& Storage Conditions

Temperature	-20–60°C (-4 to 140°F)
Relative humidity	≤95%, Non-condensing
Atmospheric pressure	122.3 ~ 806.3mmHg(16.3 ~ 107.5kPa)

Operating Conditions

Temperature	5–40°C (41 to 104°F)
Relative humidity	≤80%, Non-condensing
Atmospheric pressure	427.5 ~ 806.3mmHg(57.0 ~ 107.5kPa)

Trolley （Optional）

Trolley	TC1	TC2
Wheelbase diameter (A)	52.2 cm	66cm
Min. height (B)	134 cm	138 cm
Max. height (C)	165 cm	189 cm
Safe working load	8 kg	8 kg
Free arm	No	Yes
Mounting interface	VESA MIS-D (75 X 75, 100 X100)	VESA MIS-D (75 X 75, 100 X100)