view 12X

SMART IOT RIBBON FUSION SPLICER



Built-in GPS & Wireless Connectivity

Remote Tracking, Management & Support

Compatible with View Pro Manager

INNO INSTRUMENT®

V1.00

view 12X

The View 12X is built to meet the demands of modern ribbon fiber splicing - where precision, performance, and productivity must work in perfect sync. As the most advanced ribbon splicer in the View Series, it combines cutting-edge technology with unmatched usability to tackle the toughest jobs in today's fast-moving fiber optic industry.

Equipped with a fully motorized clamp alignment system, the View 12X ensures highly accurate and dependable splicing of up to 12 fibers at once. With the world's highest magnification for a ribbon splicer - up to 250x - it offers powerful zoom and scrolling capabilities for exceptional visibility and control.

Designed for high-volume operations, it delivers fast splicing and heating cycles, plus an extended battery life of up to 220 splice-and-heat operations per charge. Its range of multiple applicable fiber holders, makes it a versatile tool for a broad range of jobs.

Whether you're building large-scale networks or managing complex fiber configurations, the View 12X delivers the speed and precision professionals rely on.

view 12X

RIBBON
FUSION SPLICER

Fast Working
Time

Ultra-High Battery
Capacity

Fiber Placement
Correction Mechanism

5″ Color LCD
Touch Screen

Electrodes
Optimized for performance & splice quality
Up to 3000 arcs

Heater
Fast and even heat distribution

Removable Magnetic Fiber Holders
Reliable and compatible with common
fiber/cable types





Hand strap
For a secure fit

Durable Metal
Windproof Cover

Control Buttons

Touch Screen
Engineered for smooth navigation

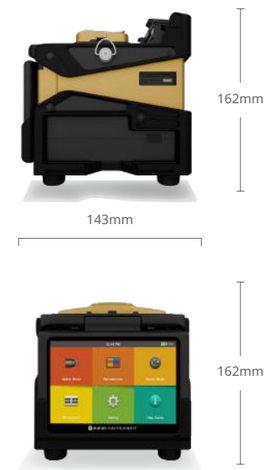
Battery
Large Battery Capacity

Splicing Time
Ribbon: **13s**
Single: **7s**

Heating Time
60mm slim: **15s**
Single rod ribbon sleeve: **20s**

Battery Capacity
9000mAh
up to **300 cycles**

DIMENSIONS



Height: 162mm
Width: 143mm
Depth: 158mm



TECHNICAL SPECIFICATIONS

Items	Specifications
Model	View 12X
Splicing Method	Ribbon Splicer
Number of fiber	Single, Ribbon
Applicable Fibers	SM(TU-T G.652&T G.657)/MMQTU-T G.651)DS(TU- T G.653)/ NZDS (ITU-T G.655)
Coating Diameter	100μm-3mm
Cladding Diameter	80-150μm
Cleaved Length	10-13mm
Average Loss	SM: 0.05dB / MM: 0.02dB / DS: 0.08dB / NZDS: 0.08dB / G.657: 0.05dB.
Return Loss	>> 60dB
Splicing Time	Ribbon : Avg. 13 sec | Single : Avg. 7 sec
Splice Programs	Max 300 modes
Electrode Life span	3000 arcs discharges
Heating Programs	Max 100 modes
Heating Time	15s (60mm slim) | 20s (Single rod ribbon sleeve)
Protection Sleeve	20mm-60mm
Data Output	Type C, View Pro Manager (IoT & GPS)
Splice Memory	20,000 Splice data / 20,000 Splice image
Battery*	Battery Capacity: 9000mAh Typical Operation Cycle: up to 220 cycles (Splicing + Heating), Power Save Mode: up to 260 cycles
Power Supply	AC Input 100 - 240V, DC input with USB-C port
Monitor	5* Color LCD display, Full touch screen
Magnification	Up to 250x
Size	143Wx158DX162H with rubber bumper
Weight	2.68kg (including battery)
Pull Test	1.96-225N

PACKAGE & ACCESSORIES

Product	Type
Cleaver	V7+
Thermal Stripper	TS Pro
Fiber Holder	MH-12,MH-250
SOC Holder	SH-SOC-R
SOC Heater Cover	HTS-SOC-01
Cooling Tray	CG-26
Electrode	E-70
Battery Pack	LBT-30C
Power Cable	ACC-25
Carrying Case	ICC-59
Shoulder Strap	ST-02
USB Cable	USB-8P
USB Cable	USB-11P
V-Groove Cleaning Brush	CB-01,CB-03
Thermal Stripper Charger	JS-1500v

ENVIRONMENTAL CONDITION & TEST

Items	Specifications
Operating Conditions	Altitude: 0 - 5000m Humidity: 0 - 95%, non-dew Temperature: -10 to 50°C Wind: up to 15m/sec
Storage Conditions	Humidity: 0 - 95%, non-dew Temperature: -40 to 80°C
Resistance Tests	Shock Resistance : 76cm for bottom surface drop Exposure to Dust : 0.1 to 500um diameter aluminium silicate Rain Resistance : 10 mm/h for 10 mins

- Water resistance (IPx2)
- Shock resistance (Drop from 76cm)
- Dust resistance (IP5X)

Water Resistance

Shock Resistance

Dust Resistance

ⓘ INNO Instrument does not accept responsibility for damages arising from misuse of the product.

view Pro manager

Smarter Operations, Seamless Connectivity

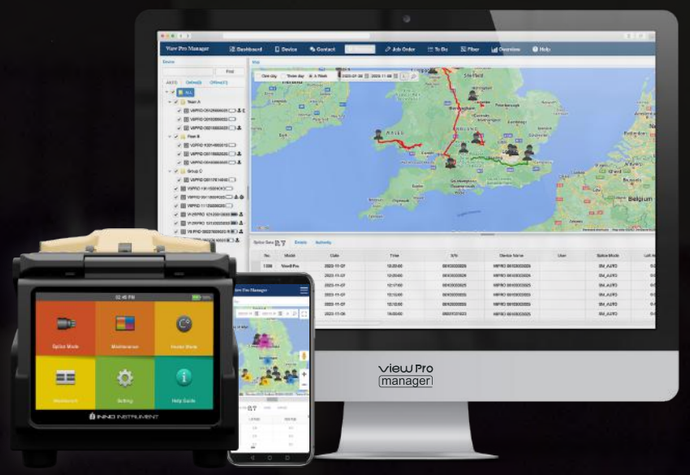
In today's fast-paced digital landscape, INNO Instrument's View Pro Manager (VPM) delivers the power to manage your fusion splicing operations smarter and faster. This cloud-based platform works seamlessly with our View Pro series, giving you live visibility, remote control, and instant access to critical data - anytime, anywhere.

VPM centralizes your team's workflow with intuitive job and task management, real-time splice data, and automatic splice image, offering detailed results and estimated loss values at a glance. Features like live messaging and service request tools improve communication and enable remote troubleshooting directly from the splicer screen.

Advanced tools such as AI-powered preventive maintenance, geolocation and tracking, and robust anti-theft protection ensure your assets are performing at their highest potential and are always secure.

Combined with supervisor-level access control and powerful reporting and analytics, VPM gives you the clarity to lead and the data to decide.

View Pro Manager isn't just about managing devices - it's about empowering your entire operation with smarter, faster, and safer performance.



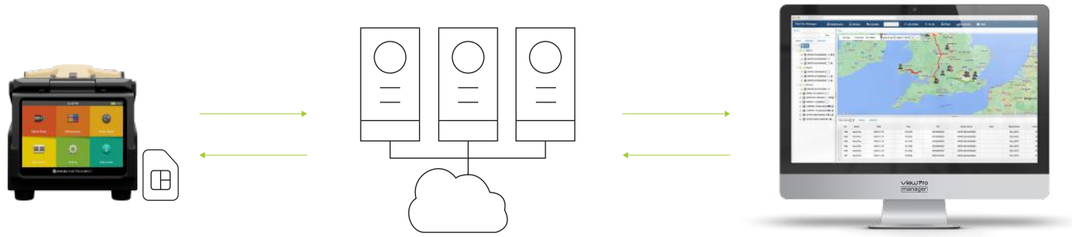
IoT & GPS Modules Embedded

SIM-card Connectivity

Real-Time Control and Data

SCAN QR CODE
To find more about VPM
www.INNOinstrument.com

OUR UNIQUE METHOD



INNO Fusion Splicer
+ SIM & Mobile Network

INNO Cloud Server

View Pro Manager

The VPM solution stands out with its unique connectivity method, relying on mobile networks and GPS. This innovative approach enables automatic data synchronization without the need for user intervention, offering a hassle-free experience.

- No extra accessories required
- No need for WiFi or Hotspot Network
- Instant data transfer and GPS reporting
- No user intervention – Auto connection

View Pro Manager (VPM) is built for everyone - from individuals to large enterprises - offering scalable, intuitive tools that fit any operation. Whether you need real-time splice data, remote support, or advanced analytics, VPM delivers the right features to match your needs and elevate your workflow.

KEY FEATURES

Real-time Splice Data	Access and store detailed splice records and other technical details in real-time.
Splice Image Sync	Auto-sync splice images with cleave angles and loss estimates.
Full Access Control	Manage permissions with supervisor-mode.
Anti-theft Protection	Lock, track, and protect devices with secure remote controls.
Geolocation & Tracking	Monitor current and past device locations.
Job & Task Management	Assign and track tasks with live location sharing for smooth team coordination.
Preventive Maintenance	Get real-time equipment health alerts powered by AI.
Live Messaging	Send direct messages to splicers in the field for better communication.
Service Request	Submit instant diagnostics to INNO support for fast, reliable help.

WORKING TRAY

The Working Tray is built for fiber optic professionals who need a reliable, organized workspace wherever the job takes them. It securely holds your splicer and cleaver, fits seamlessly in the carrying case and lifts out easily - helping you stay organized and ready for the job.

Whether you're on the ground, a rooftop, or up a pole, its durable strap and stable design let you work hands-free with confidence. With smart compartments for your IPA bottle, splice protectors, and essential tools, everything stays within reach and ready. Placed on the case, it transforms into a sturdy mobile worktable - boosting efficiency and convenience in the field.

Field tested by technicians

Reduces set up and pack up time

Keeps your workflow clean, stable and efficient



Presentation only

KEY FEATURES OF INNO WORKING TRAY

Working Tray
Stable, portable platform. Fits in the carry case without disturbing tools

Space for Fiber Strippers
Dedicated slots for strippers - organized and ready to go

Cleaver Mount
Secure cleaver placement



Detachable Container
Removable container for splice protectors, wipes and small tools

IPA Bottle Pocket
Integrated bottle holder

Flat Tray Surface
Doubles as a stable table top

Shoulder strap
Hands-free mobility, perfect for pole and rooftop work

INNO CARRYING CASE

Length: 480mm
Width: 315mm
Height: 205mm





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SCAN QR CODE
Check more about **View 12X**



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