i-tec SOLOMON PRO 900 4K Webcam

PRODUCT DESCRIPTION

The **i-tec SOLOMON PRO 900** is the flagship model of the SOLOMON range, designed for demanding professional users. It combines **4K resolution** with advanced features such as **Auto Framing**, **WDR**, **digital zoom**, and **Picture-in-Picture** mode (**automatic auto framing intelligently zooms in on the active speaker or person in focus, while Picture-in-Picture keeps the full, un-zoomed scene visible. This ensures clear emphasis on key action without losing overall context**). These capabilities make it ideal for hybrid meetings, executive communication, and professional presentations. **Dual microphones** ensure clear audio capture, while the integrated privacy shutter underlines the focus on security and comfort. SOLOMON PRO 900 delivers **maximum functionality without compromise**.

AUTOMATIC IMAGE OPTIMIZATION

- **Wide Dynamic Range (WDR)** balances bright and dark areas in scenes with strong backlighting. Faces remain clearly visible while details near windows are preserved, delivering a natural, well-exposed image even in challenging lighting conditions.
- **Automatic Exposure (AE)** automatically adapts brightness and contrast to changing lighting conditions, keeping the subject clearly visible without overexposed highlights or dark shadows, all without manual adjustment.
- **Automatic White Balance (AWB)** automatically adapts color temperature to different lighting conditions, keeping whites neutral and skin tones natural for consistent, accurate color reproduction without manual adjustment.
- **Automatic Black Level Control (ABLC)** dynamically adjusts black levels to preserve shadow detail and contrast, preventing crushed shadows or washed-out blacks for a deeper, more balanced image.

PRODUCT FEATURES

VIDEO

- **Sensor type:** CMOS (1/2.8")
- **Total pixel count:** 8.29MP
- **Supported resolutions:**
  - 3840 × 2160 @ 30 fps
  - 2560 × 1440 @ 30 fps
  - 1920 × 1080 @ 30 fps
  - 1280 × 720 @ 30 fps

- **Field of view:** 92°
- **Focus type:** Fixed Focus / AI Autofocus
- **Image features:**
  - Al Auto Framing - automatic user tracking and centering *
  - 5x Digital Zoom *
  - Picture-in-Picture (PiP) mode *
  - Wide Dynamic Range (WDR) - Balances bright and dark areas for natural, well-exposed images.
  - Automatic Exposure (AE) - Automatically balances brightness and contrast for consistently clear images.
  - Automatic White Balance (AWB) - Ensures natural colors and accurate skin tones in any lighting.
  - Automatic Black Level Calibration (ABLC) - Preserves shadow detail and contrast for deeper, balanced images.
  - Mirror mode

- **Built-in privacy shutter**

AUDIO

- **Microphone:** 2x integrated microphones
- **Pickup range:** up to 3 m

MOUNTING & CAMERA MOVEMENT

- Universal mounting clip with rubber pads and 1/4" tripod thread (Tripod not included)
- Horizontal and vertical rotation via adjustable joint

CONNECTIVITY

- **Cable:** USB-C to USB-A cable (150 cm), with USB-A/C adapter
- **Plug & Play**

- **Input voltage:** 5V

- **Size:** 130 x 50.5 x 55.5 mm
- **Weight:** 106 g

SYSTEM REQUIREMENTS Hardware Requirements

- Device with a free USB-A, USB-C, USB4, or Thunderbolt™ 3/4/5 port

Supported Operating Systems:

- Windows 10 / 11, macOS, Android, iPadOS, ChromeOS, Linux

 * Automatic auto framing intelligently zooms in on the active speaker or person in focus, while Picture-in-Picture keeps the full, un-zoomed scene visible. This ensures clear emphasis on key action without losing overall context (The listed features are supported in Full HD and HD resolutions (not supported in 4K)).

SPECIFICATION

PART NUMBER	PRODUCT DESCRIPTION & EAN
CAMSOLOMON4K900	i-tec SOLOMON PRO 900 4K Webcam EAN: 8595611707933
Hardware	
Bus type	Thunderbolt-3, Thunderbolt-4, Thunderbolt-5, USB-C, USB-3.0, USB4
System Requirements	
Operating system	Windows 10/11 macOS X Android Linux Chrome OS R51 or laterWindows 10 - Automatic installation of OS drivers. Other operating systems - manual driver installation. Firmware updates automatically.
Other features	
Product Dimensions	130 x 50.5 x 55.5 mm
Product Weight	106 g
Support	

| Warranty period | 2 years |
| Technical support | Lifetime |

Package contents

- Webcam
- User manual
- USB-C to USB-A cable (150 cm)
- USB-A / USB-C adapter

For further information regarding setup or for answers to FAQ's, please visit our website i–tec.pro. Specifications are subject to change without notice.

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