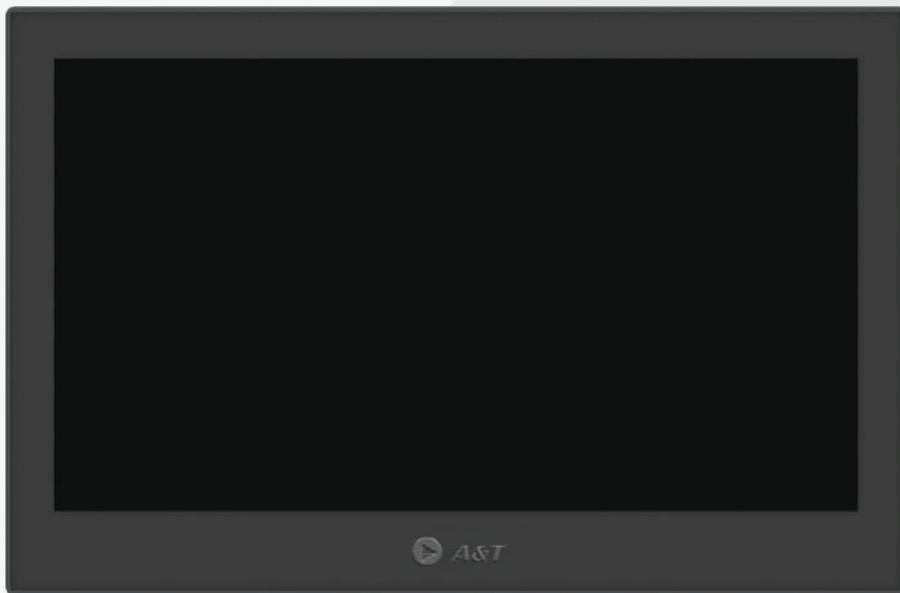




Capture, Record & Stream!

create videos like a

Pro



ASTRA **PRO**

One Touch

Recording & Streaming System

Overview

Astra Pro is the ultimate One touch recording and streaming system, packed into a compact and easily portable box. Designed to be your go-to solution for professional video production, Astra Pro empowers you to unleash your creativity and take your content creation to new heights.



Take Your Content Anywhere

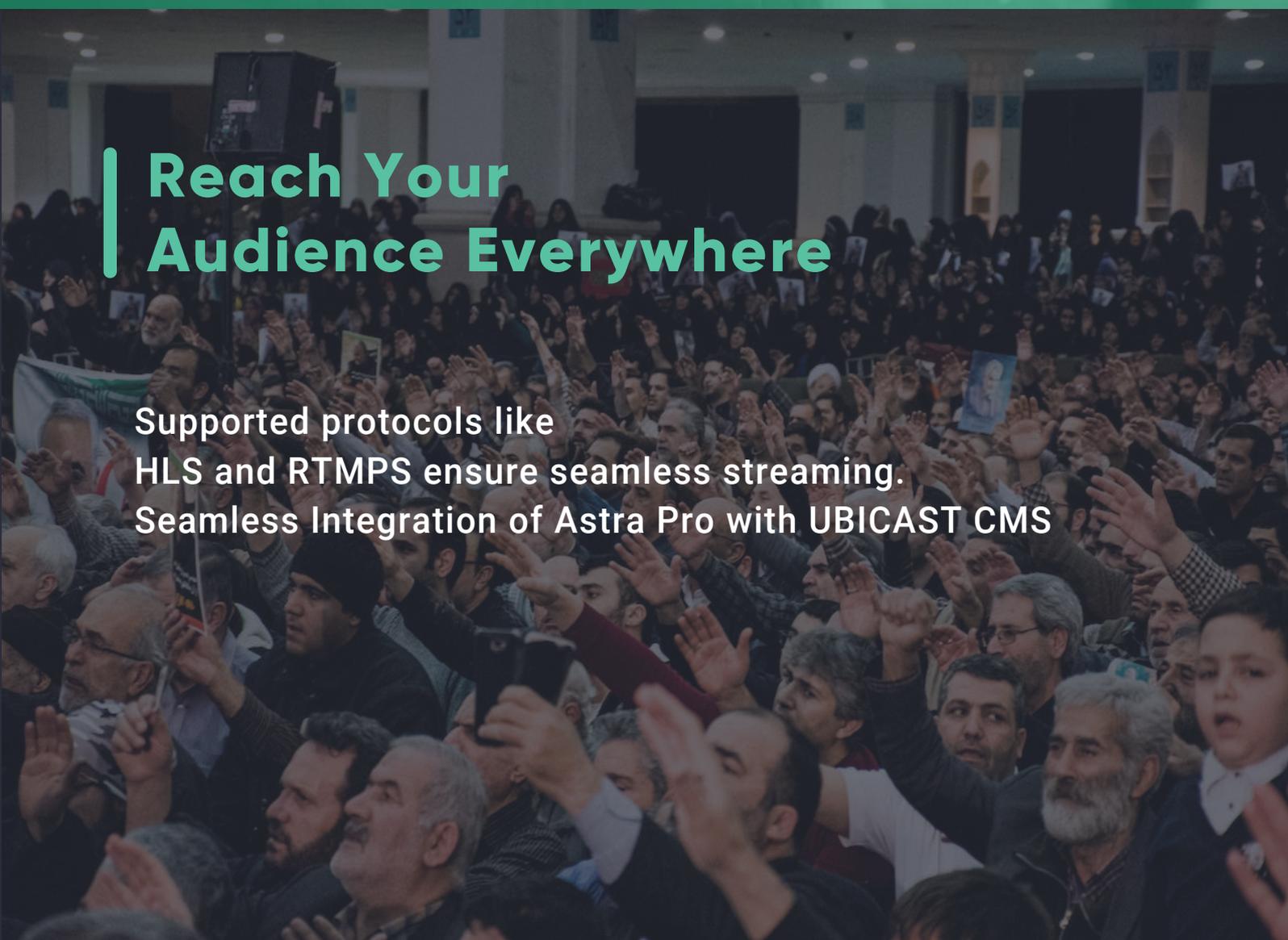
Never be tied down by bulky equipment again. Astra Pro lets you carry your entire video production studio with you. Record, stream, and switch up to five HD inputs simultaneously with seamless ease.

One Touch to Record

Only one button touch on screen to instantly start recording video lectures right away. Say goodbye to complex settings and lengthy procedures; now, all it takes is a single touch to start recording/streaming

Reach Your Audience Everywhere

Supported protocols like HLS and RTMPS ensure seamless streaming. Seamless Integration of Astra Pro with UBICAST CMS



Switch with a Touch

The intuitive touch screen of Astra Pro makes switching between connected sources or layouts a breeze. You're always in control, and your audience gets a seamless experience.

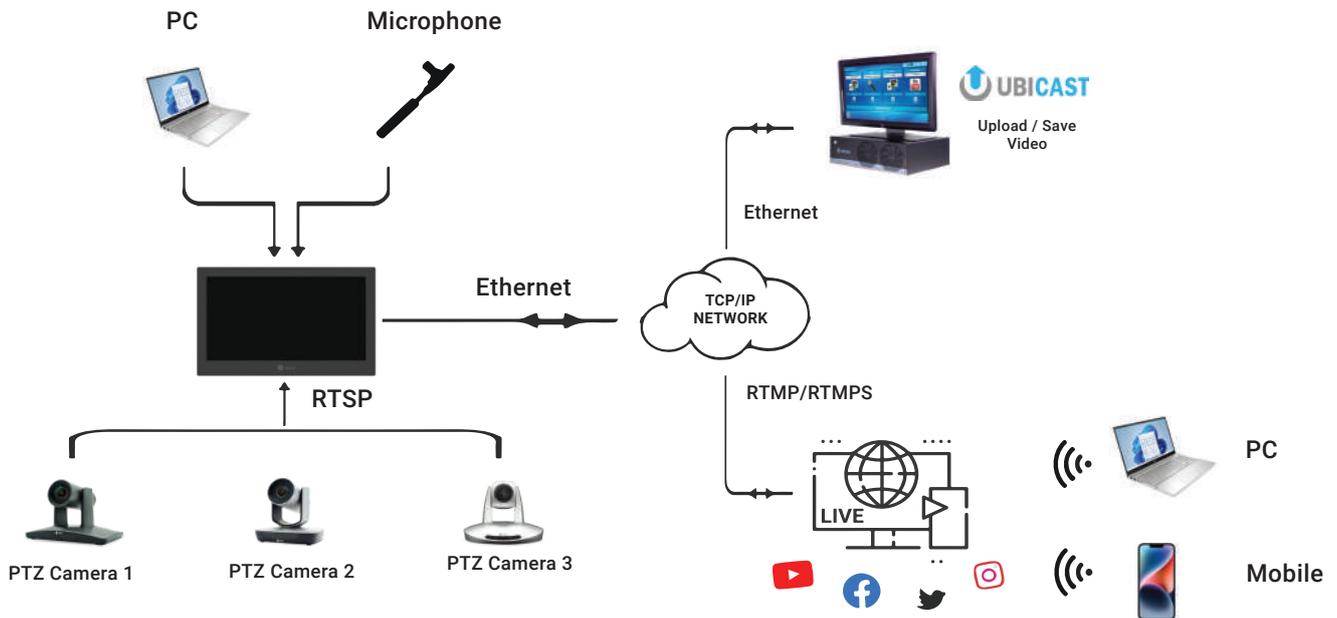
Uncompromising FULL HD Recordings

Astra Pro's hardware-accelerated encoder delivers maximum performance. Your content will shine with crystal-clear quality.

Secure Remote Access

Take command of Astra Pro securely from anywhere with an internet connection. Whether it's remote troubleshooting, field support, or complete control over recording and switching – you're always in charge.

Product Architecture Diagram



Features



Free of Pre-Configuration

Power on and cameras auto-connected with Astra without any configuration

Confidence Monitoring & Switching

See, switch, record, and stream with confidence



One-Touch Control

Stream and record with simplicity at your fingertips

Switch While Recording

Uninterrupted control over video sources while recording



Scheduled Task

Support to set scheduled tasks for device powering on/off, lecture recording and live streaming.

Connecting Everything with Ease

Local Video Output

Utilize the POE network interface for easy power supply, control, and video transmission with a single network cable

Powerful Codec Capability

Enjoy support for 4K input, ensuring top-notch video quality

Video Inputs

Connect cameras or video sources with 1X HDMI, 4X network video stream input, and optional 2X SDI

HDMI Output

Share any input source or switch program output to local displays

VESA Mount

Install Astra PRO on a wall or podium for versatile setup options



Take the leap with Astra Pro and unlock a world of possibilities. Compact, portable, and professional – Astra Pro is the future of video production.

Parameter

System structure	Embedded Linux system
Display screen	13.3 inches, 1920*1080 resolution, capacitive touch, tempered protective glass;
Video input	1 x HDMI, 4 x network video stream (optional 2 x SDI input interface)
Video output	2 x HDMI
Maximum input resolution	3840*2160
Audio input	1 x 3.5mm line-in interface, 1 x 3.5mm mic-in interface, 2 x MIC interface with 48V phantom power supply
Audio output	1 x 3.5mm line-out interface
Video encoding	H.264
Audio encoding	AAC
Video output format	MP4, TS
Video encoding frame rate	25~30fps
Video bit rate	256kbps~20480Kbps adjustable
Audio bit rate	32~192Kbps adjustable
Data storage	Built-in 1TB storage, support USB export, support FTP upload
Network	5 x RJ45 network ports, 3 of which support POE
Serial port	1 x RS232 serial port
USB interface	3 x USB ports, one of which is CONSOLE
Software upgrade	Support online upgrade and local upgrade
Power parameters	AC 220V

