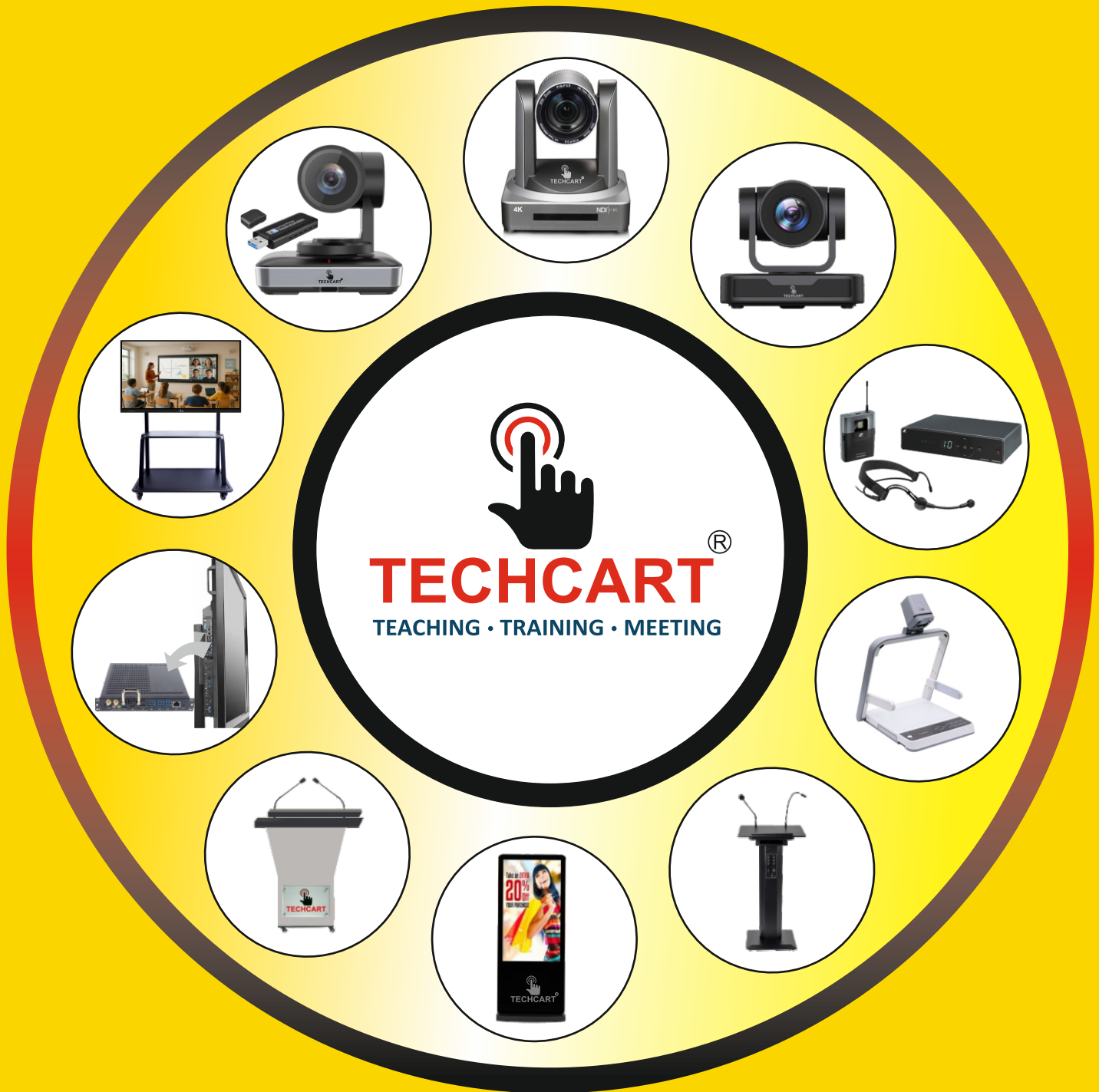


Online Classroom | Hybrid Classroom | Studio Setup | Video Conferencing



- INTERACTIVE FLAT PANEL • OPS • PTZ CAMERA • ACTIVE LED • MICROPHONE
- AUDIO PODIUM • DIGITAL PODIUM • DESKTOP VISUALIZER • DIGITAL SIGNAGE



available at  
**amazon**





# TECHCART®

## INTERACTIVE FLAT PANEL TCIP 7500-AI



# TECHCART®

## Android 16

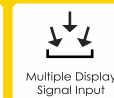
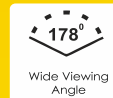
### Interactive Flat Panel Display

# Key Features

WITH NOTE  
WRITING SOFTWARE



- DDR5 RAM
- ULTRA FAST SPEED & SMOOTH PERFORMANCE
- OCTA CORE 3576 CHIPSET
- RUNS WITHOUT LAG & SWITCH APPS FASTER
- GOOLGE EDLA CERTIFIED
- DOWNLOAD OFFICIAL GOOGLE APPS
- LAG FREE WRITING & SMART FORMULA
- PERFECT 4K RESOLUTION
- FRONT AUDIO STEREPHONIC SPEAKER
- MULTIPLE SIGNAL INPUT HDMI / VGA / VIDEO YPbPr / TV / Etc
- PASSWORD / PATTERN LOCK PROTECTED
- 40 POINTS TOUCH < 5 ~ 8ms RESPONSE
- 7MM PROTECT GLASS & ANTI-SCRATCH
- RAM 8GB
- MEMORY 128GB



## BEST INTERACTIVE FLAT PANEL FOR HYBRID CLASSROOMS

AVAILABLE IN DIFFERENT SIZES



40 - Point Touch

Windows 11



Integrated Speaker



Amplified Visual Display



Power efficient <550W



90,000 Hours Life Cycle



Intel Processor



OCTA Core 3576 Chipset



Wi-Fi & Bluetooth Connectivity

www.techcartintegration.com



# TECHCART®

## TC20HUL-AI 4K UHD PTZ CAMERA



# TECHCART®

## AUTO TRACKING 4K UHD PTZ CAMERA

### Key Features

- 4K ULTRA HD ( 3840 x 2160 )@60fps
- 20X Optical Zoom & 16X Digital Zoom
- AI Tracking (Auto Tracking & Auto Framing)
- USB 3.0, HDMI, SDI, LAN
- OLED Display
- Multiple Presets ( 10 Presets by Remote)

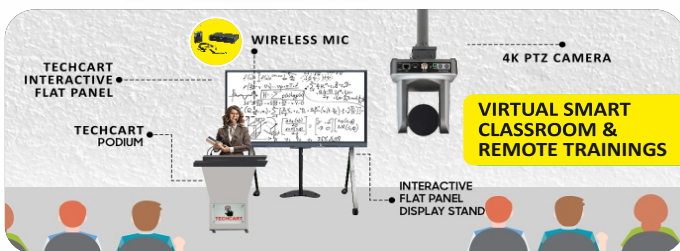


| PARAMETERS                |   |   |
|---------------------------|---|---|
| Image Sensor              | 1/2.8 inch high quality HD CMOS sensor  |   |
| Effective Pixel           | 8.42M, 16: 9  |   |
| Video Format              | HDMI:<br>3840x2160/1920x1080P60/59.94/50/30/29.97/25;720P60/59.94/50  |   |
|                           | SDI:<br>1920x1080P60/59.94/50/30/29.97/25;1920x1080i60/50/59.94;<br>1280x720P60/59.94/50  |   |
|                           | USB:<br>YUYV/NV12:<br>1920x1080/1280x720/1024x576/800x600/800x<br>448/640x480/640x360/480x270/320x180P30/25/20/15/10/5<br>H264/H265/MJPEG:<br>3840x2160/1920x1080/1600x896/1280x720/1024x576/960x540/<br>800x600/800x448/720x576/720x480/640x480/640x360/<br>480x270/352x288/320x240@60/30/25/20/15/10/5FPS |   |
|                           | LAN:<br>Master Code Stream:<br>H264/H265:<br>3840x2160/2592x1944/2304x1296/1920x1080/1280x720<br>@60/30/25/20/15/10/5fps;<br>Subcode Stream:<br>H264/H265:<br>1920x1080/1280x720/640x360/640x480/320x240/320x180<br>@60/30/25/20/15/10/5fps;  |   |
|                           | USB Communication Protocol  | UVC (Video Communication Protocol),<br>UAC (Audio Communication Protocol) |
|                           | Power Interface   | HEC3800 power socket (DC12V)  |
|                           | Power Adapter   | Input: AC110V-AC220V Output: DC12V/2A                                     |
|                           | Input Voltage   | DC12V±10%   |
|                           | Input Currency  | ≤1.5A   |
|                           | Power Consumption   | ≤18W  |
| <b>MONOCULAR TRACKING</b> |   |   |
| Tracking Modes            | Off, Real-Time Tracking, Stage Tracking, Area Tracking, and Intelligent Framing   |   |
| Tracking Distance         | Maximum tracking distance up to 18 meters   |   |

| PTZ                           |  |
|-------------------------------|--|
| Pan                           | -170°~+170°  |
| Tilt                          | -30°~+90°  |
| Pan Speed                     | 0.1 ~60°/s   |
| Tilt Speed                    | 0.1~30°/s  |
| Preset Speed                  | Pan:60°/s, Tilt:30°/s  |
| Preset Quantity               | User can set 255 presets (10 via IR remote control)  |
| INTERFACE                     |  |
| Interface                     | HDMI, SDI, LAN(POE+ support), USB3.0, A-IN, RS232-IN, RS232-OUT, RS485, DC12V power supply   |
| Video output                  | HDMI, SDI, LAN, USB3.0   |
| Video compression formats     | LAN:H.265, H.264<br>USB 3.0:MJPEG,H.264,H.265,YUY2,NV12  |
| Video Bitrate                 | 64-40960   |
| Bitrate Control               | Fixed Bitrate, Variable Bitrate  |
| Frequency                     | 50Hz: 1fps ~ 50fps<br>60Hz: 1fps ~ 60fps   |
| Audio                         | Dual audio channel 3.5mm linear input  |
| Input Interface               | HDMI, LAN, USB 3.0, SDI  |
| Audio Output Interface        | HDMI, LAN, USB 3.0, SDI  |
| Audio Bitrate                 | 32Kbps, 48Kbps, 64Kbps, 96Kbps, 128Kbps  |
| Audio Compression Format      | AAC, G.711A  |
| Network Interface             | 1000M Ethernet port, optional POE+ power supply, supports audio and video output   |
| Network Protocol              | RTSP, RTMP, ONVIF, GB/T28181,SRT, NDI(Optional), Dante AV(optional); supports network VISCA control protocol; supports remote upgrade, remote reboot, and remote reset |
| Control Interface             | RS232-IN, RS232-OUT, RS485   |
| Serial Communication Protocol | VISCA/Pelco-D/Pelco-P; supports baud rates of 115200/38400/9600/4800/2400  |

## Best for Online / Hybrid Classes

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### HYBRID CLASSROOM STUDIO SETUP



### SMART CLASSROOM SETUP



# TECHCART<sup>®</sup>

## TH2010 PRO

### FHD PTZ CAMERA



# TECHCART<sup>®</sup>

## FULL HD

### PTZ CAMERA

## Key Features

- FULL HD ( 1920 x 1080 )@30fps
- 10X Optical Zoom
- Leading Auto Focus Technology
- Low Noise and High SNR
- Multiple Control Protocols
- USB 2.0
- Low Power Sleep Function
- Multiple Presets ( 10 Presets by Remote )



| CAMERA PARAMETER   |
|--|
| Image Sensor : 1/2.9 Inch High Quality CMOS Sensor   |
| Effective Pixels : 2.07 MP, 16:9   |
| Video Format : 1920x1080P @30fps/25fps, 1280x720P @30fps/25fps, 1024x576P @30fps/25fps, 960x540P @30fps/25fps, 800x448P @30fps/25fps, 640x360P @30fps/25fps, 320x176P @30fps/25fps |
| Optical Lens : 10X Optical Zoom, f=4.34mm-41.66mm  |
| View Angle : 8.8°~ 68.8°   |
| Iris : F1.7-3.0  |
| Digital Zoom : 10X   |
| Low Illumination : 0.5 Lux ( F1.8, AGC ON )  |
| DNR : 2D & 3DDNR   |
| White Balance : Auto / Manual / One Push / 3000K / 3500K / 4000K / 4500K / 5000K / 5500K / 6000K / 6500K / 7000K   |
| Focus : Auto / Manual / One Push   |
| Electronic Shutter : Auto / Manual   |
| BLC : On / OFF   |
| WDR : OFF / Dynamic Level Adjustment   |
| Video Adjustment : Brightness, Color, Saturation, Contrast, Sharpness, B/W mode, Gamma Curve   |
| SNR : >50dB  |

| USB CHARACTERISTICS  |
|--|
| Support Operating : Windows 7 / Pro, Windows 8, Windows 10, System Windows 11 / Pro, Windows XP, Mac OS, Linux |
| Video Compression : H.265, H.264, MJPG   |
| USB Communication : UVC Protocol   |

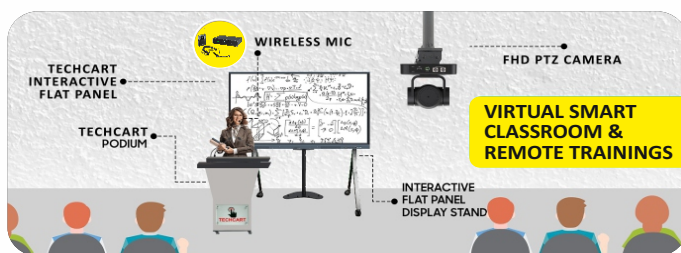
| INTERFACE & PROTOCOLS                        |
|--|
| Video Output : USB 2.0 Type-A                |
| Video Compression : H.265, H.264, MJPG       |
| Control Port : RS232 IN & OUT, RS485         |
| Control Protocol : VISCA / Pelco-D / Pelco-P |
| Power Supply : HEC 3800 Outlet ( DC 12V )    |

| PTZ PARAMETER  |
|--|
| Pan / Tilt Rotation : -170°+170°, -30°+ 90°                |
| Pan / Tilt Controller Speed : 0.1-60 Second, 0.1-30 Second |
| Present Speed : Pan-60-Second, Tilt-30-Second              |
| Present Numbers : 255 Presets ( 10 Presets on IR Remote )  |

| OTHER PARAMETER   |
|---|
| Working Voltage : 12V   |
| Working Current : 0.25A ( Max )                                       |
| Power Consumption : 2.5W ( Max )                                      |
| Storage Temperature : -10°C~+60°C, 20%-95%                            |
| Working Temperature : -10°C~+50°C, 20%-80%                            |
| Dimension : 156.8mm x 112.6mm x 139.5mm ( W x H x D )                 |
| Weight : 1KG  |
| Usage : Indoor Only   |
| Package : Power Supply, USB 2.0 Cable, Remote Controller, User Manual |
| Accessories Optional : Mount ( Extra Cost )                           |

**Best for**  
Online / Hybrid Classes

**BOOK NOW**



**HYBRID CLASSROOM STUDIO SETUP**



**SMART CLASSROOM SETUP**



# TECHCART<sup>®</sup>

## TH 600 PRO

### WIRELESS

### FHD PTZ CAMERA



# TECHCART<sup>®</sup>

## WIRELESS

### FHD PTZ CAMERA

## Key Features

- HD resolution- **1080p / 30 fps**
- Smooth **PTZ movement**
- 10X** optical zoom
- 5 Programmable **pre-sets**
- Wi Fi** Connectivity
- Auto Focus**

|                           |  |
|---------------------------|--|
| IMAGE SENSOR              | 1/2.9 INCH CMOS SENSOR                     |
| VIDEO CAPTURE RESOLUTION  | FULL HD 1080P UPTO 1920*1080 (200W)        |
| VIDEO FORMAT              | MJPEG:1080P@30FPS                          |
| LENS ZOOM                 | 10X AF ZOOM LENS WITH AUTO-ZOOM/FOCUS      |
| FOCAL LENGTH              | 4.7±5%~47±5%MM                             |
| F NO.                     | F1.6-F2.5                                  |
| FFOCUS RANGE              | 1.0M-INF                                   |
| FOV-H                     | 70.9°                                      |
| MIN. ILLUMINATION         | 0.2 LUX(F1.2)                              |
| WHITE BALANCE             | AUTO                                       |
| WIDE DYNAMIC RANGE(WDR)   | SUPPORT                                    |
| WIRELESS TRANSMISSION     | WIFI PRIVATE PROTOCOL                      |
| PRESET POSITION           | 5 PROGRAMMABLE PRESETS                     |
| IR REMOTE                 | INCLUDED                                   |
| HORIZONTAL ROTATION ANGLE | ABOUT 340°                                 |
| PC OS                     | ANDROID8.0/MAC OS 10.10/WINDOWS 7 OR LATER |
| INTERFACE                 | USB 2.0 WIFI (DONGLE)                      |
| CONNECTIVITY TECHNOLOGY   | USB VIDEO DEVICE CLASS (UVC)               |
| BIS CERTIFICATE           | YES  |

**Best for** **BOOK NOW**  
**Online / Hybrid Classes / Video Conferencing**



**HYBRID CLASSROOM STUDIO SETUP**



**VIDEO CONFERENCING**



**TECHCART**<sup>®</sup>

Open Pluggable Specification

**OPS**



**TECHCART**<sup>®</sup>

**OPEN PLUGGABLE  
SPECIFICATION**

## Key Features

- Pre-installed Windows 10 / 11 / 11 Pro
- Processor : Intel<sup>®</sup> 4th-12th Gen Core™ i5 / i7
- 8 GB RAM ( Upgradable to 32 GB )
- 512 GB SSD ( Upgradable to 1 TB )
- 5 USB 3.0 and 1 USB 2.0
- DP, HDMI Support / Rear 80 Pins Support
- Wifi Yes and Bluetooth Yes
- Support OS - Windows 10 / Windows 11
- Slim and Compact Design Takes Up Less Space
- Type C, USB, LAN, RJ45, 3.5mm Audio Out, 3.5mm Microphone In



Scan to Order

## Best for Interactive Flat Panel Displays



# Techcart Offered Products



FHD WEB CAM



4K WIDE ANGLE CAMERA



Wireless Mic



VOICE TRACKING 4K PTZ CAMERA



WIRELESS HEADBAND MIC



WIRELESS COLLAR MIC WITH HANDHELD MIC



WIRELESS HEADBAND MIC



TABLE TOP MIC



SPEAKERPHONE (SMALL ROOM)



SPEAKERPHONE (LARGE ROOM)



SPEAKERPHONE (EX-LARGE ROOM)



DEEP ECHO CANCELLATION SPEAKERPHONE



WALL SPEAKER



CEILING SPEAKER



DSP NCD



AMPLIFIER



INDOOR ACTIVE LED



OUTDOOR ACTIVE LED



DIGITAL SIGNAGE



CAMERA CONTROLLER



E-LECTURN



AUDIO PODIUM



DESKTOP VISUALIZER



DOCUMENT CAMERA



3.0 ACTIVE USB EXTENSION



HDMI CABLE EXTENSION



SPLITTER



AMPLIFIER CABLE



FLOOR STAND



HEAVY DUTY FLOOR STAND



TRIPOD



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