



LG Smart Cam Pro AN-VC22PR

Smart Camera Solution for Effective Visual Communication



reddot winner 2023

* All images in this datasheet are for illustrative purposes only.
* A separate SI solution is required.

AN-VC22PR

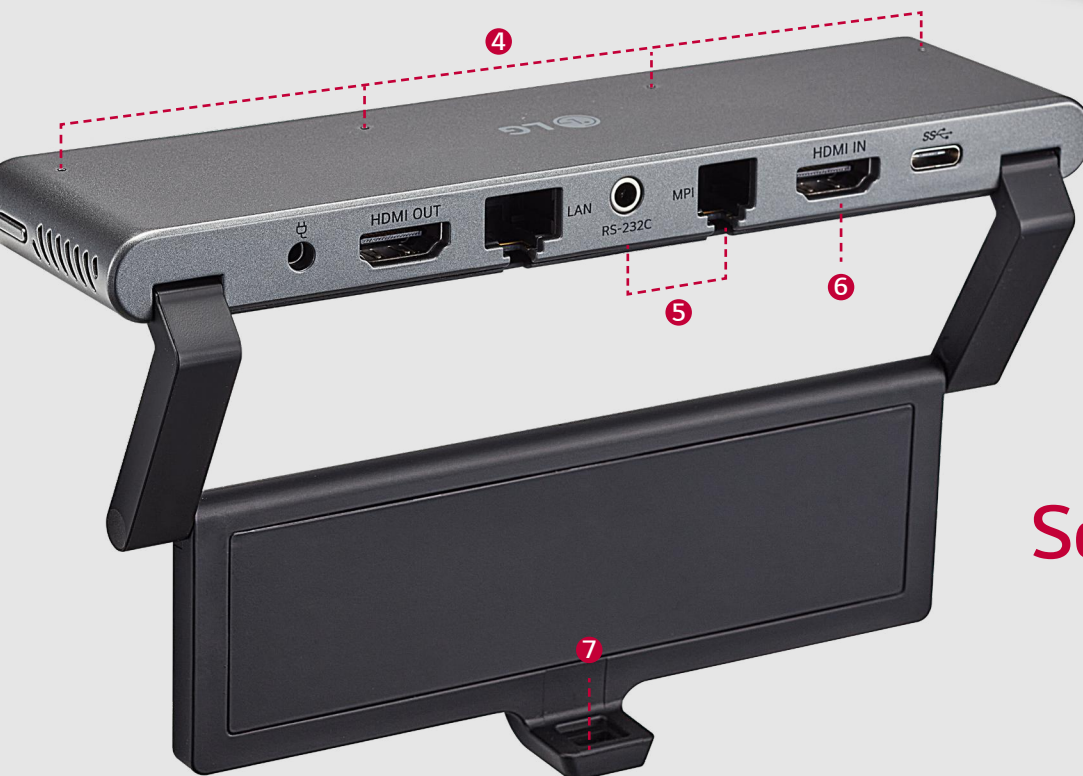
Internal Camera1	Type	RGB Camera
	Pixel Resolution	12 MP
	Lens	120 FoV
	Zoom	4x Digital Zoom
Internal Camera2	Type	Night Vision Camera (IRPE, IR LED 850 nm 4 ea)
	Pixel Resolution	12 MP
	Lens	120 FoV
	Zoom	4x Digital Zoom
Video Codec	Video Codec Type	H.264 up to HP level 5.1 : 2,1 60p @ 30 fps
	Compression Algorithms	H.264
Audio Codec	Audio Codec	Opus / G.711 PCMA / G.711 PCMU 40-80 Kbps
	Audio Algorithms	Echo Cancellation / Noise Reduction
	Audio Input	Built-in 4 Mics, USB Mic (Only Aver Camera, Zabra710)
Software		webOS

* This product is compatible with LG Commercial TVs.
* LG Commercial TV sold separately.

LG Smart Cam Pro

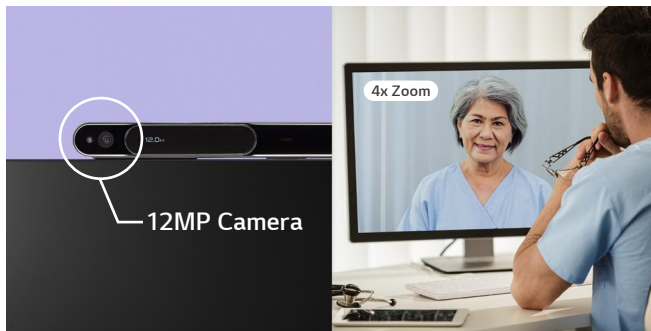
- | | | | |
|---|---|--|---|
| <p>①
Main Camera</p> <ul style="list-style-type: none"> · 12 Mega Pixel · Digital Zoom (4x) · 120° FoV | <p>②
Privacy Cover</p> <ul style="list-style-type: none"> · Manual Control | <p>③
Night Vision Camera</p> <ul style="list-style-type: none"> · Activate in Dark Surroundings · 12 Mega Pixel · Digital Zoom (4x) · 120° FoV | <p>④
4 Mic Array</p> <ul style="list-style-type: none"> · Echo Cancellation · Noise Reduction |
|---|---|--|---|

Professional
Performance



Sophisticated
Design

- | | | |
|---|--|--|
| <p>⑤
MPI / RS-232C Port</p> <ul style="list-style-type: none"> · LG Commercial TV Control (HDMI 1,2 Input Signal Switching / Power On/off) | <p>⑥
HDMI In Port</p> <ul style="list-style-type: none"> · HDMI Source Device Connection (e.g. Set-top Box, PC, DVD Player) | <p>⑦
Kensington Lock</p> |
|---|--|--|



12MP Main Camera

The 12MP (Mega Pixel) camera enables the LG Smart Cam Pro to deliver detailed images and videos clearly. Users can achieve a close focus on faraway subjects through the 4x digital zoom.

* The main camera does not work during the night vision camera operation.



12MP Night Vision Camera

A 12MP night vision camera can be used in low light conditions for taking photos and videos even in the middle of the night. Like the main camera, it supports excellent video transmission with a 4x digital zoom.

* Conditions for switching to the night vision camera depend on customer environment.

* The night vision camera does not work during the main camera operation.



Excellent Picture Delivery with an HDR Effect

LG Smart Cam Pro uses an HDR effect to bring out more details in backlit environments by brightening ultra-low-light areas.



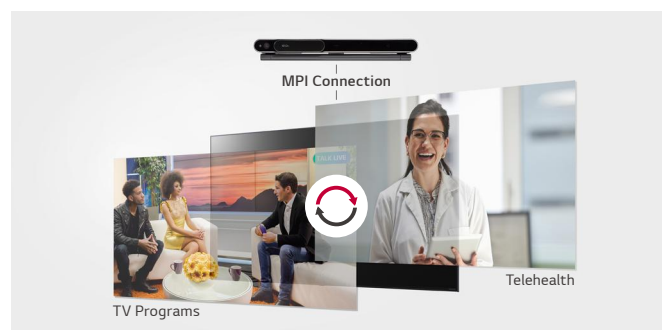
Powerful 4 Mic Array

The 4 Mic Array of LG Smart Cam Pro recognizes sound from different directions and focuses on the main speaker. This enables echo canceling and noise reduction for effective communication.



Good Scalability

Powered by Qualcomm IoT processor and LG webOS, the high-performance camera is easy to operate, and a variety of app types can be easily deployed.

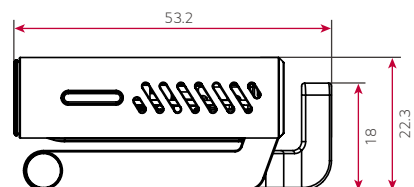
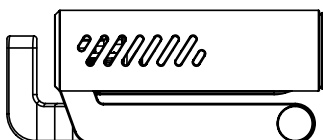
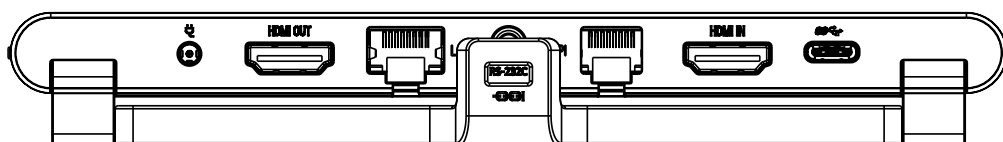
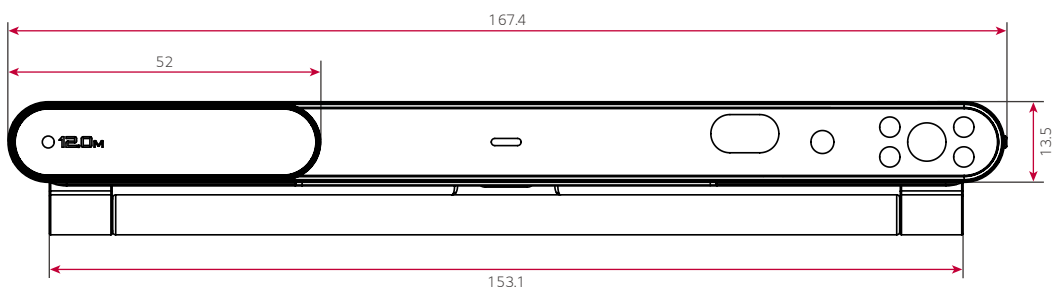
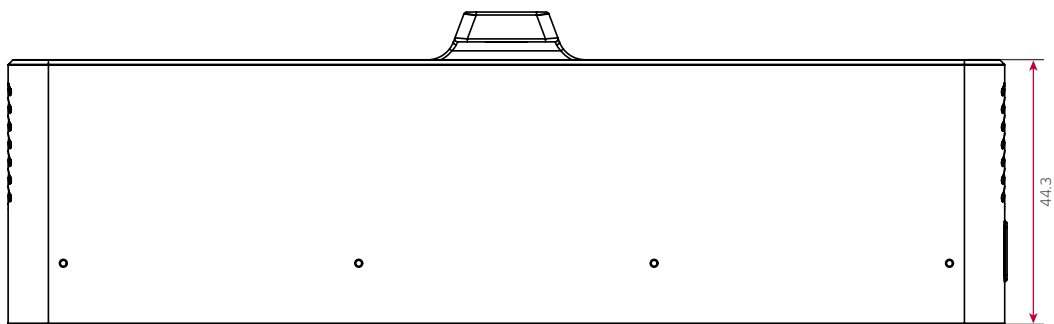


Connection with LG Commercial TVs

Through the MPI port on LG Smart Cam Pro, the manager can control the power or switch the signal of a connected LG commercial TV.

DIMENSION

(unit: mm)



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