



## Laia myTeam TP100

We offer you the FullHD videoconference terminal with the most connectivity and communication options on the market. We increase the communication possibilities of your organization with the best FullHD quality and with Optical Zoom features up to 20x with the Laia Broadcaster 20x camera.

The perfect solution for FullHD videoconferences and live broadcasts for medium and large meeting rooms as well as for function rooms and auditoriums.



FullHD, SIP and  
H.323 equipment



FullHD Camera  
with 20x Optical  
Zoom



Numerous multiple  
connection options for  
audio solutions



Multiple FullHD video  
inputs and outputs  
(HDMI + DVI-I +  
3G-SDI...)



Recording and  
streaming

### **PROFESSIONAL WARRANTY**

3 year "Prime support" warranty 24 hrs advanced replacement



# THE VIDEOCONFERENCE TERMINAL FULLHD WITH MORE OPTIONS CONNECTIVITY

## FEATURES

<b>Package</b>	<ul style="list-style-type: none"> <li>• Full HD codec x 1</li> <li>• Lala Broadcaster 20x camera and its wiring x 1</li> <li>• Microphone x 1</li> <li>• Infrared remote control x 1</li> <li>• Power adapter x 1</li> <li>• AC power cord x 1</li> <li>• HDMI cable (1.5m) x 2</li> <li>• User Manual (Quick Start, Quick Setup Guide) x 1</li> </ul>
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## STANDARD AND PROTOCOLS

<b>Standards and protocols</b>	ITU-T H.323, IETF SIP
<b>Video standards and protocols</b>	H.261, H.263, H.263 +, H.263 ++, H.264, H.264 SVC, H.264 High Profile
<b>Audio standards and protocols</b>	G.711, G.722, G.722.1 *, G.722.1C *, AAC-LD, G.726, SILK
<b>Dual stream</b>	ITU-T H.239, BFCP
<b>Other standards</b>	H.221, H.224, H.225, H.235, H.241, H.245, H.281, H.350, H.460, T.140, DTMF
<b>Network standards and protocols</b>	TCP / IP, DHCP, SSH, HTTP, HTTPS with SSL / TLS, RTP, RTCP, RFC3261, RFC3264, RFC2190, RFC3407, RFC2833, RFC4585 (RTP / AVPF), SNMP, ARP, RTMP

## VIDEO SPECIFICATIONS AND FEATURES

<b>Video resolution in people</b>	<ul style="list-style-type: none"> <li>• 1080P, 1024 Kbps minimum bandwidth</li> <li>• 720P, 512Kbps minimum bandwidth</li> <li>• w448P / 4SIF / 4CIF, minimum bandwidth 256 Kbps</li> <li>• w288P / SIF / CIF, minimum bandwidth 128 Kbps</li> </ul>
<b>Content video resolution</b>	<ul style="list-style-type: none"> <li>• Input: VGA (640x480), SVGA (800x600), XGA (1024x768), WXGA (1280x768), WXGA (1280x800), 1280x960, SXGA (1280x1024), 1360x768, 1366x768, 1440x900, 1600x900, 720p (1280x720), 1080p (1920x1080)</li> <li>• Codec: 800x600, 1024x768, 1280x1024, 1280x720, 1920x1080</li> <li>• Output: 800x600, 1024x768, 1280x1024, 1280x720, 1920x1080</li> </ul>
<b>Dual stream</b>	Dual Stream1080p or Dual Stream 720p
<b>Other video features</b>	Supports PIP, POP and other display modes

## AUDIO SPECIFICATIONS AND FEATURES

<b>Audio features</b>	<ul style="list-style-type: none"> <li>• Automatic echo cancellation (AEC)</li> <li>• Automatic gain control (AGC)</li> <li>• Automatic noise suppression (ANS)</li> <li>• Lip sync support</li> </ul>
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## SECURITY AND STABILITY

<b>Net</b>	Video forwarding bug fixes (FEC), Automatic Repeat-reQuest (ARQ), etc.
<b>Security</b>	<ul style="list-style-type: none"> <li>• H.235 signaling and media stream encryption (AES-128, AES-256)</li> <li>• TLS and SRTP</li> <li>• SSH / HTTPS administrator password</li> </ul>
<b>Pass through firewalls</b>	H.460, ICE

## BROADBAND

<b>IP</b>	64kbps ~ 8Mbps
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## INTEGRATED CLOUD SERVICE

<b>Supporting Brands</b>	goFacing & Pexip
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## OTHER FEATURES

<b>Conference capabilities</b>	Maximum 1 + 7 720P video terminal
<b>Maximum bandwidth</b>	8M
<b>Smart access</b>	Supports hybrid access from HD and SD video terminals; supports mixed access of H.323 and SIP terminals; It supports different bandwidths of different terminals.
<b>Conference mode</b>	Discussion mode (each end sees the same image), conference mode (the chairman sees all listening screens)
<b>Dual stream</b>	ITU-T H.239
<b>Other features</b>	Supports wideband audio codec and FEC anti-loss packets

## INTERFACE

Audio input	2 x RCA Linear Input, 2 x Card Head Microphone Input, 1 x HDMI Audio Input, 1 x RJ45 Input digital microphone
Audio output	2 x RCA Linear Output, 2 x HDMI Audio Output
Video input	1 x HDMI 1 x DVI-I (HDMI, VGA / YPbPr) 1 x 3G-SDI
Video output	3 x HDMI, 1 x 3G-SDI
USB interface	2 x USB2.0 (Supports USB flash disk, USB microphone, etc.)
Network interface	1 x RJ45: 10/100/1000 Base-T
Control interface	1 x RJ45: RS232 for VISCA

## APPLICATION CHARACTERISTICS

Language	English and Spanish
Special features	<ul style="list-style-type: none"><li>• Auxiliary sound</li><li>• Support for 'same view'</li><li>• Timer switch</li><li>• Automatic standby and automatic wake-up call</li><li>• DNS SRV support</li><li>• Caller ID</li><li>• Asymmetric bandwidth</li><li>• Obtain static NAT address automatically</li><li>• Picture in picture (1/16 frame size).</li><li>• Second and third screen</li><li>• Network address book</li><li>• Supports third-party integrated development API interfaces</li><li>• Built-in MCU (optional)</li><li>• Support web conference control</li><li>• USB microphone access</li><li>• Configuration and administration through LAN port and remotely through web browser.</li><li>• Supports remote camera control</li><li>• Presentation / graphic applications can be sent or received from a PC by connecting directly</li><li>• It has mechanisms for recovering lost packets</li><li>• Infrared transmission</li></ul>

## PHYSICAL CHARACTERISTICS

Dimensions	<ul style="list-style-type: none"><li>• Size: 200mm x 428mm x 44.5mm</li><li>• Packing size: 525mm x 315mm x 135mm</li><li>• N.W: 3.2Kg</li><li>• G.W: 5.0Kg</li></ul>
Electric	<ul style="list-style-type: none"><li>• Operating voltage: AC 100V ~ 240V</li><li>• Working frequency: 50Hz / 60Hz</li><li>• Maximum power consumption: 50W</li></ul>
Environmental specifications	<ul style="list-style-type: none"><li>• Temperature: 0 °C ~ 40 °C (working state), -40 °C ~ 70 °C (non-operating state)</li><li>• Relative humidity: 10% ~ 80% (working state), 0% ~ 95% (non-operating state)</li><li>• Environmental noise: less than 46dBA SPL</li><li>• Minimum illumination: 5lux</li><li>• Recommended lighting: more than 300lux</li></ul>
Approval and compliance	CCC, CE, RoHS, WEEE, REACH, UL, Wireless Model Approval, FCC

## CAMERA CHARACTERISTICS

Video system	HD: 1080p / 60, 1080p / 50, 1080i / 60, 1080i / 50, 1080p / 30, 1080p / 25, 720p / 60, 720p / 50, 720p / 30, 720p / 25 SD: 480i, 576i
Sensor	1 / 2.7", CMOS, effective pixel: 2.07M
Scan mode	Progressive
Lenses	20x, f4.42mm ~ 88.5mm, F1.8 ~ F2.8
Minimum illumination	0.5 Lux @ (F1.8, AGC ON)
Trigger	1 / 30s ~ 1 / 10000s
White balance	Auto, 3000K / Indoor, 4000K, 5000K / Outdoor, 6500K_1, 6500K_2, 6500K_3, One Push, Manual
Backlight compensation	Supported
Digital noise reduction	2D and 3D digital noise reduction
Viewing angle: horizontal and vertical	60.7° ~ 3.36° & 34.1° ~ 1.8g°
Rotation range: horizontal and vertical	± 170° & -30° ~ +90°
Pan and tilt speed range	17° ~ 100° / s & 1.7° ~ 69.9° / s
H&V flip and freeze frame	Supported
PoE	Supported



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Sevilla - Spain



MYTEAM RANGE - VIDEOCONFERENCE