

Witbe Monitoring Robot Video & Media



CRITICAL QoE KPIs

AVAILABILITY

TV channels audio & video availability, video app launch success, VoD portal availability

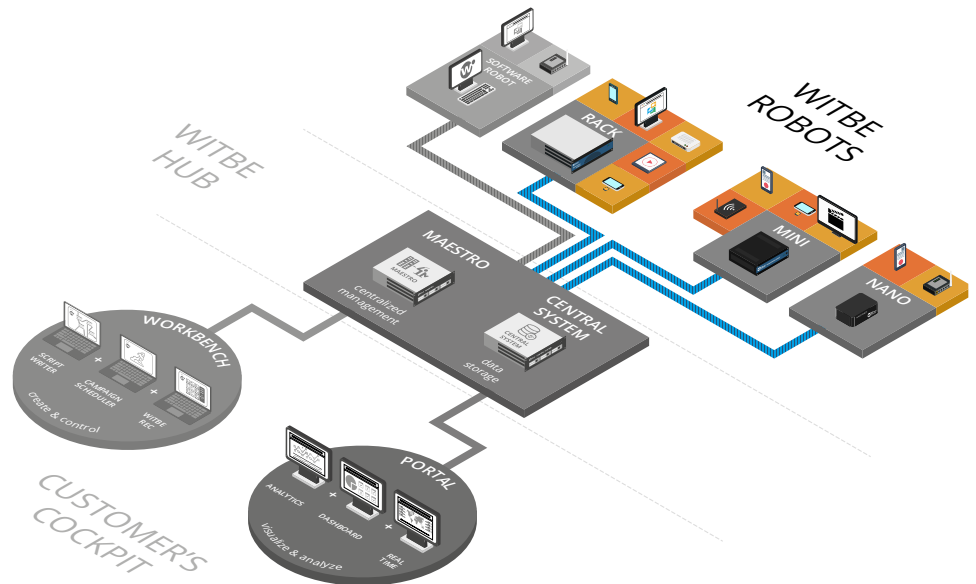
PERFORMANCE

STB boot time, menu / guides average response time, payment process time, video start-up time

INTEGRITY

Video MOS (bluriness, jerkiness, blockiness, black screen, frozen pictures, error screens), Audio MOS (bandwidth, saturation, silence and loudness)

PART OF THE WITBE GALAXY



KEY FEATURES

Witbe MOS: measure any video stream's true audio / video quality without referential, using psycho-acoustic / visual analysis



Witbe REC: visualize and remotely operate the streams of all your devices on a single screen



Plug-and-Play: plug 4 cables, click on 3 buttons, and get rollin'



Witbe Smartping: map the bottlenecks of your delivery infrastructure, even in unmanaged networks



All-in-one: connect mobile devices, set-top-boxes and web browsers to the same Robot



BOOSTED WITH WITBE WORKBENCH



Witbe Workbench: an intuitive test creation interface designed so that you can focus on results



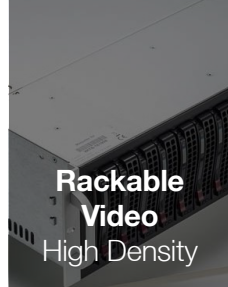
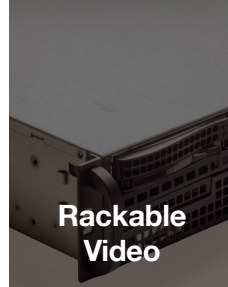
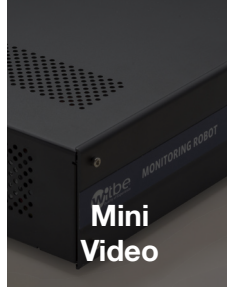
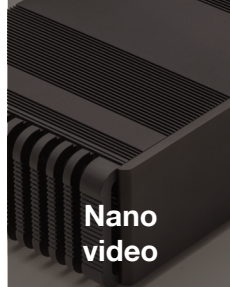
Live Recorder: Record your browsing actions for super fast scenario creation



Script Writer: The best way to write scenarios — high productivity, easy maintainability and no coding required



Scheduler: Deploy cross platform campaigns in seconds and focus on the only thing that matters: results visualization



BEST FOR



*Put it on your desk or
send it everywhere in
the field, for minimum
noise and space
impact.*

*Put it on your desk, plug
up to 4 devices, and
test any cross-platform
scenario in minutes.*

*Rack it in your
server rack for
robust, automated
and powerful QoE
monitoring.*

*Rack it in your server
bay and plug up to 24
devices, monitor up to
two 4K streams.*

TEST INTERFACES

Audio / Video Input	1x HD	up to 4x HD	up to 8x HD or up to 1x 4K or up to 2x SDI	up to 24x HD up to 2x 4K
Number of tests executed in parallel	1	1	up to 8	up to 8
Video resolution	720p, 1080p	720p, 1080p	720p, 1080p or 4K (depending on model)	720p, 1080p or 4K (depending on model)

SUPPORTED DEVICES

STB, media player, streaming media boxes	✓	✓	✓	✓
Mobile devices & mobile apps (iOS / Android devices)	✓	✓	(max. 4 mobile app and 4 mobile devices per robot)	(max. 4 mobile app and 4 mobile devices per robot)
Web Browsers (Internet Explorer & Chrome)	✓	✓	✓	✓

CONTROLLER ENGINES

IR Controller	✓	✓	✓	✓
RF Controller	✓	✓	✓	✓
Bluetooth Controller	✓	✓	✓	✓
USB Charger	✓	✓	✓	✓
Power Controller	✓	✓	✓	✓

AVAILABLE ALGORITHM ENGINES

Video MOS	✓ (max. 5 minutes per hour)	✓ (1 device at a time)	✓ (1 device at a time)	✓ (1 device at a time)
Audio MOS	✓ (max. 5 minutes per hour)	✓ (1 device at a time)	✓ (1 device at a time)	✓ (1 device at a time)
Smartping	✓	✓	✓	✓

NETWORK ENGINES

Bridge for Ethernet STB	—	—	1 device	—
IPMI Support	—	—	✓	✓

HARDWARE SPECIFICATIONS

Form factor	Nano (tabletop)	Mini (tabletop)	Rackable 2U	Rackable 3U
Dimensions (mm)	210W x 125D x 55H	437W x 450D x 89H	437W x 450D x 89H	437W x 630D x 133H
Weight	1.2 Kg	4 Kgs	20 Kgs	34.02 Kgs

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