

Varjo XR-4 Secure Edition Key Technical Specifications



SECURE FEATURES

ORIGIN	Manufactured in Finland
COMPLIANCY	TAA compliant
RADIO	Option for NON-RF variant
ONLINE CONNECTIVITY REQUIRMENTS	None

DISPLAYS

PANEL RESOLUTION	4k per eye (2x 3840x3744) displays
PANEL TYPE	2 x 3.59" Mini-LED
REFRESH RATE	90 hertz
CONTRAST	1:10000 with local dimming
LUMINANCE	200 Nits
COLOR GAMUT	98% sRGB, 96% DCI-P3

OPTICS

LENS TYPE	Custom, variable resolution, full dome, aspheric optics
PPD	33 PPD passthrough
FOV	120° x 105°
IPD	Automatic 56-72 mm adjustment

PASSTHROUGH

CAMERA SENSORS	2x 20-megapixel passthrough cameras and optional upgrade to autofocus
PASSTHROUGH PPD	33 peak pixel density (peripheral focus) or optional upgrade to 50 peak pixel density (central focus)
LATENCY	22 milliseconds
LUMINANCE	200 Nits
AMBIENT LIGHT SENSOR	RGB

DEVICE

CONNECTIVITY	1x display port + 1x USB-C
AUDIO-OUT	Spatial audio (integrated speakers) + 3.5 mm jack
AUDIO-IN	2x integrated microphones (noise cancelling)
WEIGHT	1021g
LiDAR	300 kilo pixels, 7-meter range, 30 FPS
ERGONOMICS	Improved weight dispersal with new 'zero gravity' comfort fit

TRACKING

INSIDE-OUT	Integrated
STEAM VR™	With optional add-on
ART	Supported
OPTITRACK	Supported
EYE TRACKING	Integrated 200hz gaze tracking cameras