Detection mode	Absorbance
Light source	LED, self-calibrating
Photodetector	8 silicon photodiodes
Plate type	96-well microplates (including strip-well microplates)
Reading speed	5-8 s per wavelength
Measurement modes	Endpoint, kinetic and multi-label measurements
Measurement channels	8
Reference channel	1
Measurement range	0 – 4.3 OD
Resolution	0.0001 OD
Wavelength range	400 – 700 nm
Wavelength selection	up to 8* filters on wheel standard filters 405, 450, 492 and 620 nm
Shaking speed control range	4 amplitudes, 4 speeds
Software	QuantAssay Reader is compatible with IDEXX xChekPlus software
PC system requirements:	Intel/AMD Processor, 1 GB RAM, Windows Vista/7/8/10, USB
Dimensions (W×D×H)	140 x 300 x 130 mm
Weight	4.6 kg
External power supply	Input AC 100–240 V 50/60 Hz, Output DC 12 V