



# 2017 MODEL SELECTION

## TECHNICAL SPECIFICATIONS

MONOCULARS	Intensifier Tube, Generation Type / Grade	Max. System Gain, x	Luminous Sensitivity, $\mu\text{A}/\text{lm}$	Center Resolution, lp/mm, Video Resolution	Image Magnification, x	Objective Lens, Aperture / F-stop	Field Of View, Degrees	Minimum Focusing Distance, m (ft)	Typical Viewing Distance*, m (yds)	Power Supply
LN-NVM3	Gen-1	300	250-280	30	3	1.2 / 50	20	3 (10)	200 (218)	1 x 3V Lithium (CR123 type)
LN-NVM5	Gen-1	300	250-280	30	5	1.5 / 80	15	3 (10)	250 (273)	1 x 3V Lithium (CR123 type)
LN-NVM3-HR	Gen-1 Hi-Resolution	500	250-280	34	3	1.2 / 50	20	3 (10)	200 (218)	1 x 3V Lithium (CR123 type)
LN-NVM5-HR	Gen-1 Hi-Resolution	500	250-280	34	5	1.5 / 80	15	3 (10)	250 (273)	1 x 3V Lithium (CR123 type)
LN-DM2-HRV	Digital Technology Viewer	N/A	N/A	762x504	2	1.2 / 36	12	2 (6.5)	200 (218)	1 x 3V Lithium (CR123 type)
LN-DM5-HRV	Digital Technology Viewer	N/A	N/A	762x504	5	1.5 / 80	6	2 (6.5)	250 (273)	1 x 3V Lithium (CR123 type)
LN-DM50-HRSD	Digital HD Technology Recorder	N/A	N/A	1280x720	5-20	1.5 / 80	6	2 (6.5)	300 (327)	2 x 3V Lithium (CR123 type)
LN-DM60-HD	Digital Full-HD Technology Recorder	N/A	N/A	1920x1080	6-30	1.5/100	7	1 (3.2)	500 (545)	2 x 3V Lithium (CR123 type)
LN-EM1-MS	Gen-2+ Hi-Resolution	25,000	340-650	45-52	1	1.1 / 26	40	0.25 (0.8)	200 (218)	1 x AA
LN-EM1-HRS	Gen-2+ Hi-Resolution	25,000	340-650	45-57	1	1.1 / 26	40	0.25 (0.8)	200 (218)	1 x AA
LN-CLS1-C	Gen-2+ Hi-Resolution	25,000	340-650	45-57	1	1.1 / 26	40	0.25 (0.8)	200 (218)	1 x 3V Lithium (CR123 type)
<b>BI-OCULARS, BINOCULARS &amp; GOGGLES</b>										
LN-NVB2	Gen-1 Hi-Resolution	900-1000	300	36-38	2	1.2 / 36	30	2 (6.5)	250 (273)	1 x 3V Lithium (CR123 type)
LN-NVB3	Gen-1 Hi-Resolution	900-1000	300	36-38	3	1.2 / 50	20	5 (16.4)	350 (382)	1 x 3V Lithium (CR123 type)
LN-NVB5	Gen-1 Hi-Resolution	900-1000	300	36-38	5	1.5 / 80	15	5 (16.4)	400 (436)	1 x 3V Lithium (CR123 type)
LN-PB3M	Gen-1 Hi-Resolution	900-1000	300	36-38	3	1.2 / 50	20	2 (6.5)	350 (382)	1 x 3V Lithium (CR123 type)
LN-PB5M	Gen-1 Hi-Resolution	900-1000	300	36-38	5	1.5 / 80	10	5 (16.4)	400 (436)	1 x 3V Lithium (CR123 type)
LN-PB7M	Gen-1 Hi-Resolution	900-1000	300	36-38	7	1.8 / 120	8	5 (16.4)	450 (491)	1 x 3V Lithium (CR123 type)
LN-PBG1M	Gen-1 Hi-Resolution	900-1000	300	36-38	1	1.1 / 26	40	0.25 (0.8)	150 (164)	1 x 3V Lithium (CR123 type)
LN-DB60-HD	Digital Full-HD Technology Recorder	N/A	N/A	1920x1080	6-30	1.5 / 100	7	1 (3.2)	500 (545)	1 x 3.7V (18650 rechargeable), later production - 2 x 3V Lithium (CR123 type)
LN-EBG1	Gen-2+ Hi-Resolution	25,000	340-650	45-57	1	1.1 / 27	40	0.25 (0.8)	250 (273)	2 x AA type
LN-EBG1-PRO	Gen-2+ Hi-Resolution	25,000	500-650	52-57	1	1.1 / 27	40	0.25 (0.8)	275 (300)	2 x AA type

**More Technical Specifications on reverse side of this page.**

\* Viewing/Detection distance depends on ambient light and humidity conditions, as well as object size.



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RIFLESCOPIES										
LN-PRS40M	Gen-1 Hi-Resolution	1,000	300	36-38	4	1.5 / 100	10	5 (16.4)	300 (327)	2 x AA type
LN-ERS30M	Gen-2+ Hi-Resolution	25,000	340-650	45-57	3.1	1.5 / 80	12	10 (32.8)	400 (436)	1 x 3V Lithium (CR123 type)
LN-ERS40M	Gen-2+ Hi-Resolution	25,000	340-650	45-57	4	1.5 / 100	10	10 (32.8)	500 (545)	1 x 3V Lithium (CR123 type) or 1 x AA
LN-SPRS-3-MINI	Gen-3, Hi-Resolution, Hand Select, Green or White Phosphor	60,000	1800-2400	64-80	3.1	1.5 / 80	12	10 (32.8)	600 (654)	1 x 3V Lithium (CR123 type) or 1 x AA
LN-SPRS-4	Gen-3, Hi-Resolution, Hand Select, Green or White Phosphor	60,000	1800-2400	64-80	4	1.5 / 110	10	10 (32.8)	700 (763)	1 x 3V Lithium (CR123 type) or 1 x AA
LN-SPRS-6	Gen-3, Hi-Resolution, Hand Select, Green or White Phosphor	60,000	1800-2400	64-80	6	1.7 / 165	6.2	10 (32.8)	900 (981)	1 x 3V Lithium (CR123 type) or 1 x AA
THERMAL DEVICES	Microbolometer Type	Frame Rate, Hz	Spectral Response, $\mu\text{m}$	Image Heat Inversion	Image Magnification	Objective Lens Diameter	FOV, Degrees	Minimum Focusing Distance	Detection Distance*, m (yds)	Power Supply
LN-TB35-LRF	ULIS384 Shutter-Free 384x282	50	8-14	Black / White / 5-color modes	3.5-14	50mm	9.3x7	10 (32.8)	1,200 (1,308)	3 x 3V Lithium (CR123 type)
LN-TB55-LRF	ULIS384 Shutter-Free 384x282	50	8-14	Black / White / 5-color modes	5.5-22	75mm	7.1x5.3	10 (32.8)	1,700 (1,853)	3 x 3V Lithium (CR123 type)
LN-TRS35-LRF	ULIS384 Shutter-Free 384x282	50	8-14	Black / White / 5-color modes	3.5-14	50mm	9.3x7	10 (32.8)	1,200 (1,308)	2 x 3V Lithium (CR123 type)
LN-TRS55-LRF	ULIS384 Shutter-Free 384x282	50	8-14	Black / White / 5-color modes	5.5-22	75mm	7.1x5.3	10 (32.8)	1,700 (1,853)	2 x 3V Lithium (CR123 type)

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**QUALITY YOU CAN SEE...EVEN IN THE DARK.®**