AN/PYQ-10A (C) SKL v3.1

Over 295,000 Devices Fielded

The (AN/PYQ-10A (C)) Simple Key Loader (SKL) latest production version is called the SKL V3.1 and offers improved Fill Port ruggedization, enhanced brightness/contrast LCD, and a touchscreen interface that supports both finger and stylus input.

The AN/PYQ-10A (C) SKL v3.1 meets NSA Information Assurance certification security requirements by providing a secure means of distribution and storage of COMSEC material, mission data and configuration files and continues to be compatible with a multitude of cryptographic systems.

AN/PYQ-10A (C) SKL v3.1

Simple Key Loader

SPECIFICATIONS

Processor	800Mz digital media processor
OS	Windows Embedded CE 6.0
Memory	256MB
Storage	32GB
Display	3.5" QVGA, 600 cd/m2 brightness, 800:1 contrast ratio, 85°/85°/85°/85° viewing angle
USB	1 USB mini-A host port, 1 USB mini-B device port
User Interface	Touchscreen (glove compatible), keypad, Brightness control, power on/off button, recessed "zeroize" button
Power	Standard battery pack: Waterproof, 25 Whr, Li-Ion battery pack Heavy duty battery: 50 Whr, Li-Ion battery pack
Accessories	8 AA quick-change, Alkaline battery pack, Battery Charger Kit, Padded carrying case holds SKL spare battery packs & extra stylus
Size/Weight	7.7" x 4.3" x 2.5", 2.13 lbs. with standard battery
Case	Composite housing/access port, TPR overmold
Seals	O-ring seals on case, lens, doors & battery for fast-access, O-ring sealed door

Battery/ Continuous Operation	Standard Li-Ion battery pack: >6 hours Heavy Duty Li-Ion battery pack: >12 hours
LCD Protection	Glass on film on glass surface, 7H surface hardness, sealed & isolated from LCD for greater protection against high impact
Data Security	Removable crypto ignition key (CIK)
Connector Protection	Removable elastomeric cap for dust, mud & moisture protection
Storage Temperature	-30°C to 71°C, MIL-STD-810G, methods 501.5 & 502.5, procedure I
Operating Temperature	-30°C to 60°C, MIL-STD-810G, methods 501.5 & 502.5, procedure II
Low Pressure Altitude	-110 feet to +40,000 feet, MIL-STD-810G, method 500.5, procedure II – operation
Solar Radiation	MIL-STD-810G, method 505.5, procedures I & II – cycling & steady state
Rain	MIL-STD-810G, method 506.5 rain, procedure I – rain & blowing rain
Humidity	95 % ±5 %, based on MIL-STD-810G, method 507.5, procedure II – aggravated cycle
Salt Fog	MIL-STD-810G, method 509.5 – non-operational

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