

NexBot Vision 222-011 Teach Pendant with 10.1-inch Display

NexBot
Robotics

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Overview

The NexBot Vision 222-011 Teach Pendant is a high-performance human-machine interface (HMI) designed for programming, jogging, and operating NexBot industrial robots. It provides operators and programmers with a direct, intuitive interface for controlling robot motion, editing programs, and monitoring system status in real-time. The pendant is engineered for demanding industrial environments, combining advanced functionality with robust construction. Key to its design is the bright, responsive 10.1-inch full HD (1920x1080) touchscreen, which delivers crisp graphics and ample space for complex programming interfaces and diagnostic displays. This clarity reduces operator fatigue and minimizes errors during intricate setup procedures. The ergonomic, lightweight construction, weighing only 1.2 kg, ensures comfortable handling during extended programming sessions. For durability, the pendant features an impact-resistant polycarbonate composite housing and is sealed to an IP65 rating, protecting it against dust ingress and low-pressure water jets from any direction. Safety is paramount in robot operation, and the 222-011 pendant integrates critical safety features, including a three-position enabling switch and an illuminated, easily accessible Emergency Stop button compliant with international safety standards. This allows operators to safely interact with the robot system during manual operations and teaching tasks. Typical applications include program creation for pick-and-place, machine tending, welding, and assembly operations, as well as system diagnostics and manual jogging. Installation is straightforward, with a secure, quick-connect interface to the main robot control cabinet.

Technical Specifications

Parameter	Value	Unit
Weight	1.2	kg
Material	Impact-Resistant Polycarbonate Composite	
Voltage	24VDC	
IP Rating	IP65	
Country of Origin	JP	
Dimensions	305 × 210 × 55 mm	

Safety Notice: This product must be installed and operated by qualified personnel in accordance with applicable safety standards (ISO 10218, IEC 61508).