



1D & 2D



Duo
Near &
Far



IP65



1.2M
drop



**EX90 Pistol
Grip Near & Far**
Mobile Computers

Features

Duo Scanning Technology.

The EX90 is designed with advanced Duo technology, which combines two independent scan engines working in tandem to provide efficient near-far barcode scanning. By using two separate scan engines, the EX90 can quickly and seamlessly switch between them based on the distance of the barcode, resulting in faster scanning and improved productivity.

Compatible Design.

The pistol grip is compatible with MT90 Orca III and allows for easy attachment to the device, while its lightweight and well-balanced design reduces stress and fatigue during long work sessions.

Long-range Reading Ability.

The EX90 is able to read 1D and 2D barcodes at a distance of up to 9.8 meters.

Industrial Durability.

Featuring an IP65 sealing, the EX90 is protected against water and dust and withstands 1.2m drops to concrete.

Long Battery Life.

The MT90 III is equipped with a 4500mAh battery that supports the EX90 for up to 12 hours on a single charge.

Suggested industries



Logistics



Transportation



Warehousing

EX90 Pistol Grip Duo Near & Far Technical specifications

Data Capture

Illumination	White LED
Aiming	Laser aiming
Resolution	1280x800, monochrome, 30 frame/sec
Scan Rate	Up to 30f/s self-adaption
Depth of Field Code128 (15mil)	75mm-2600mm
Depth of Field Code128 (100mil)	440mm-9800mm
Depth of Field DataMatrix (10mil)	190mm-310mm
Depth of Field DataMatrix (55mil)	105mm-3900mm
Depth of Field QR Code (10mil)	195mm-250mm
Depth of Field QR (55mil)	110mm-3700mm

Performance

Scan Angle	Pitch 75°, Skew 45°
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Physical

Dimensions (mm)	160(W) x 82(D) x 165(H) mm
Weight	230g
User Input	Trigger on pistol grip

Environmental

Operating Temperature	-20°C to 50°C (-4°F to 122°F)
Storage Temperature	-30°C to 70°C (-22°F to 158°F)
Humidity	5% to 95% (non-condensing)
Electro Static Discharge (ESD)	±15kV (air discharge), ±8kV (direct discharge)
Drop	1.2m
IP Rating	IP65

Communication

Host Terminal	MT90 Orca III
Host Connection	8-pin connector