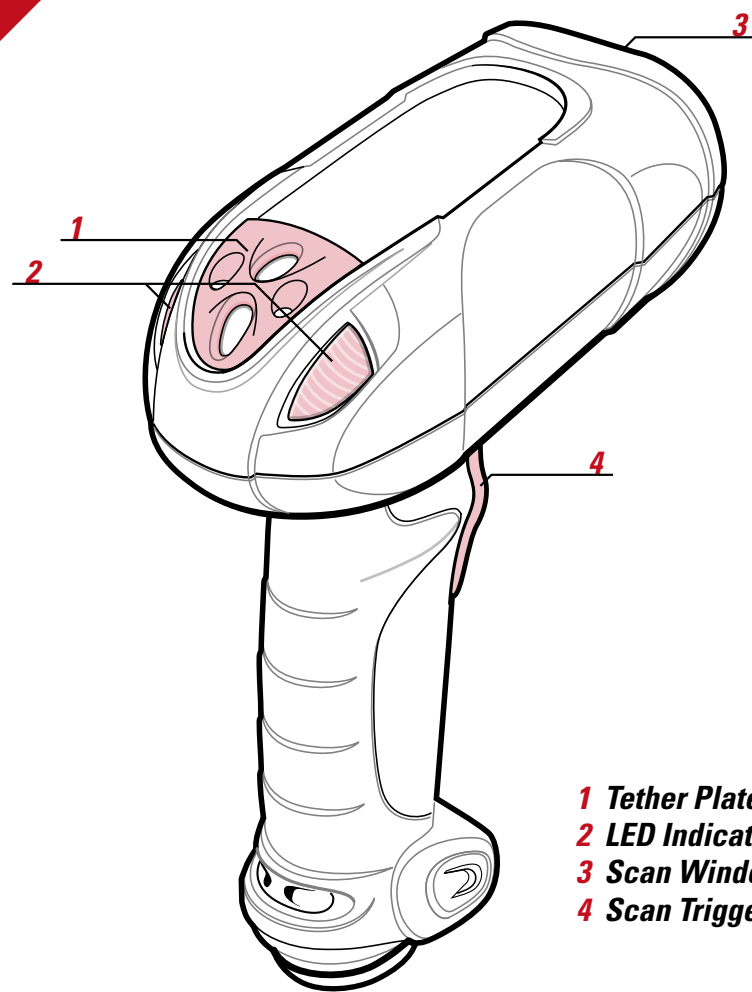
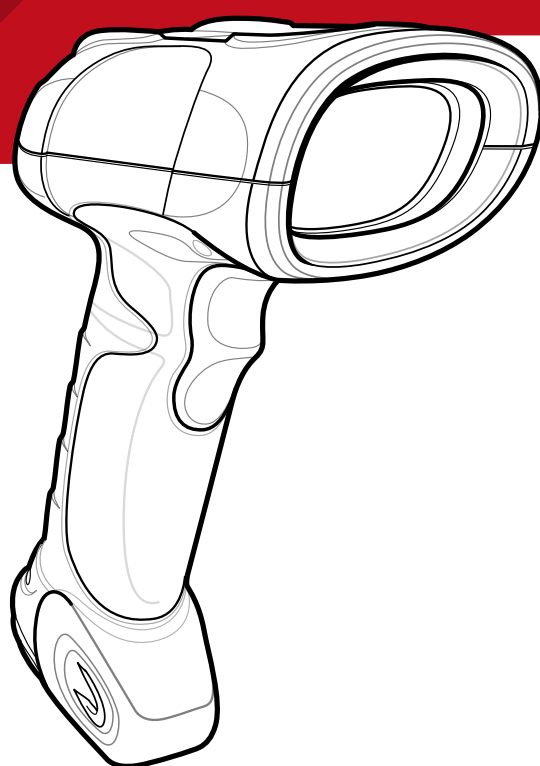


# LS/DS 3408 Quick Start Guide

<http://www.symbol.com/barcode>

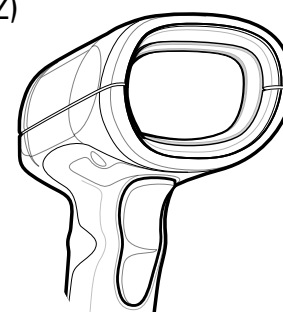
See Product Reference Guide for more information



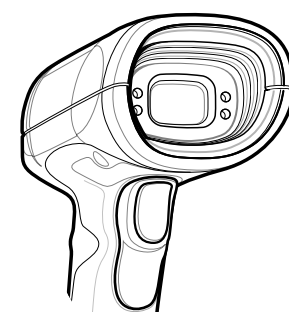
- 1 Tether Plate
- 2 LED Indicators
- 3 Scan Window
- 4 Scan Trigger

## Variants

Laser Scanner (ER, FZ)

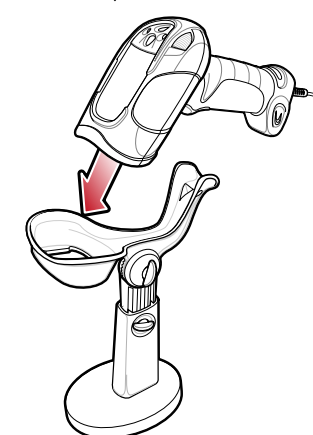


Digital Scanner (DS)

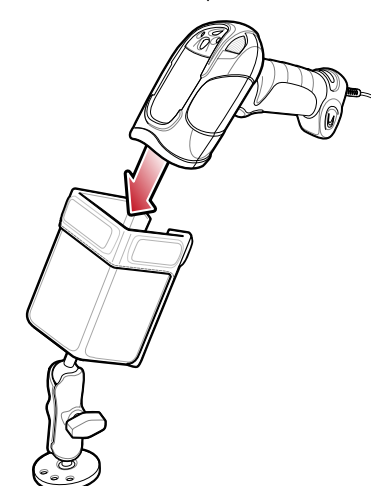


## Accessories

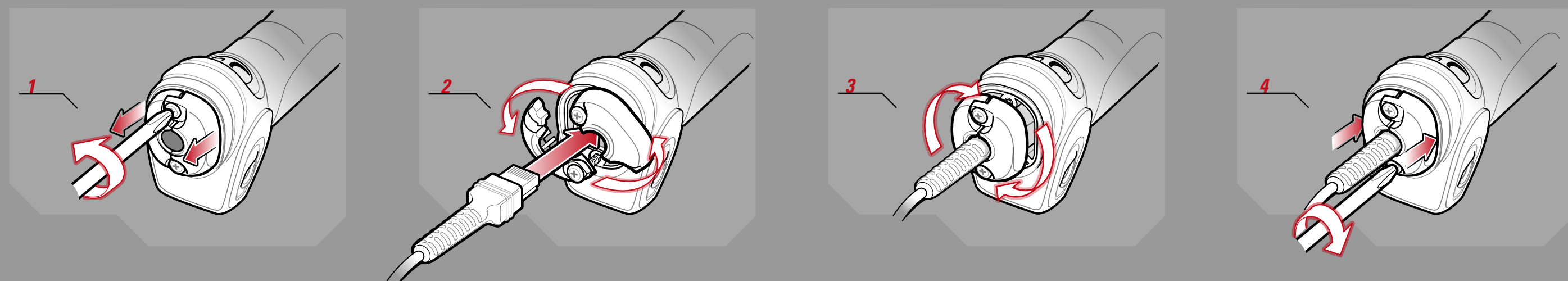
IntelliStand



Forklift Holder



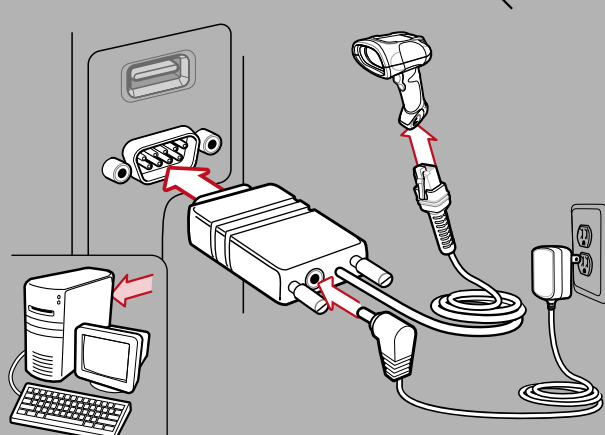
## Cord Attachment



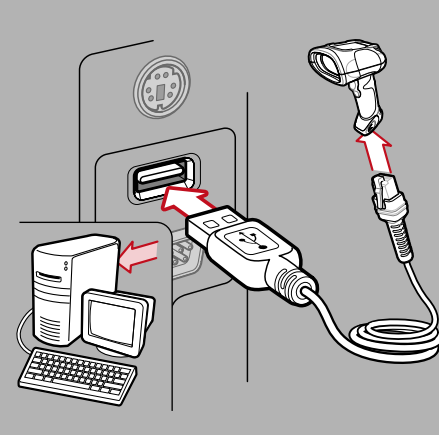
## Host Interfaces

NOTE: Cables may vary depending on configuration

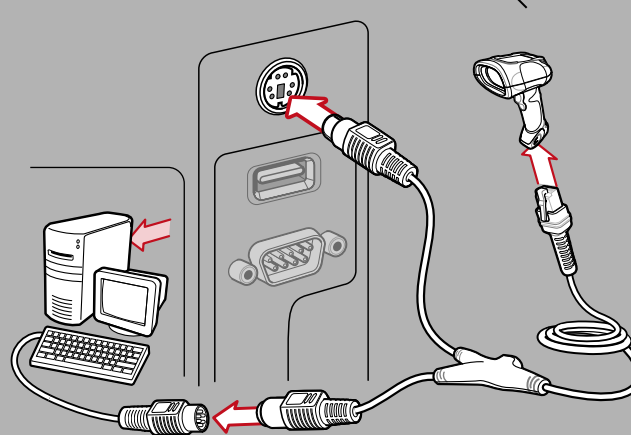
RS-232



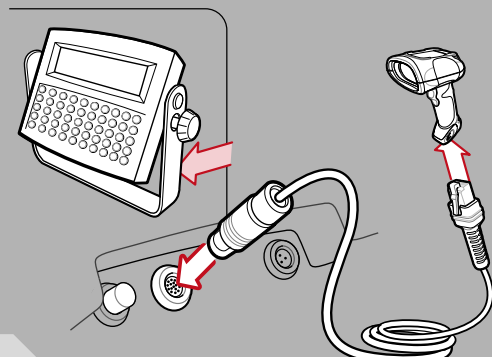
USB



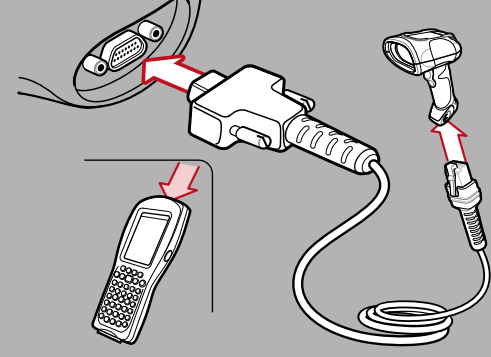
Keyboard Wedge



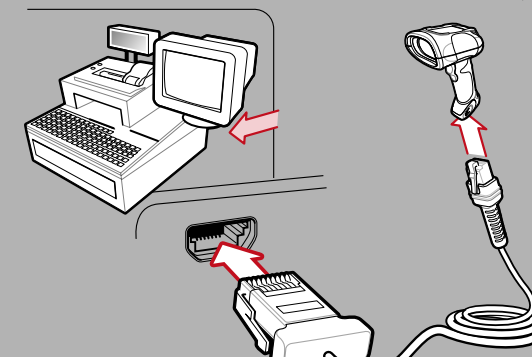
Scanner Emulation



Wand Emulation



IBM 46XX



## Troubleshooting

### Scanner not working

No power to scanner

Check system power; ensure power supply, if required, is connected

Incorrect interface cable used

Ensure that correct interface cable is used

Interface/power cables are loose

Check for loose cable connections

### Scanner not decoding bar code

Scanner not programmed for bar code type

Ensure scanner is programmed to read type of bar code being scanned

Bar code unreadable

Ensure bar code is not defaced; try scanning test bar code of same bar code type

Distance between scanner and bar code incorrect

Move scanner closer to or further from bar code

### Scanner decoding bar code, but data not transmitting to host

Scanner not programmed for correct host interface

Check scanner host parameters or edit options

Interface cable is loose

Check for loose cable connections

### Scanned data incorrectly displayed on host

Scanner not programmed for correct host interface

Check scanner host parameters or edit options

## LS/DS 3408 Programming Bar Codes

### Set Defaults



SET DEFAULTS

### IBM 46XX Host Types



PORT 5B

### Wand Emulation Host Types



SYMBOL WAND

### USB Host Types



HID KEYBOARD EMULATION



PORT 9B



ENABLE CONVERT TO CODE 39



IBM HAND-HELD USB

### Keyboard Wedge Host Types



IBM PC/AT and IBM PC COMPATIBLE



DISABLE CONVERT TO CODE 39

### RS-232 Host Types



STANDARD RS-232



NIXDORF RS-232 MODE B

### Carriage Return/Line Feed



SCAN OPTIONS



ICL RS-232



FUJITSU RS-232



<DATA>-<SUFFIX>



NIXDORF RS-232 MODE A

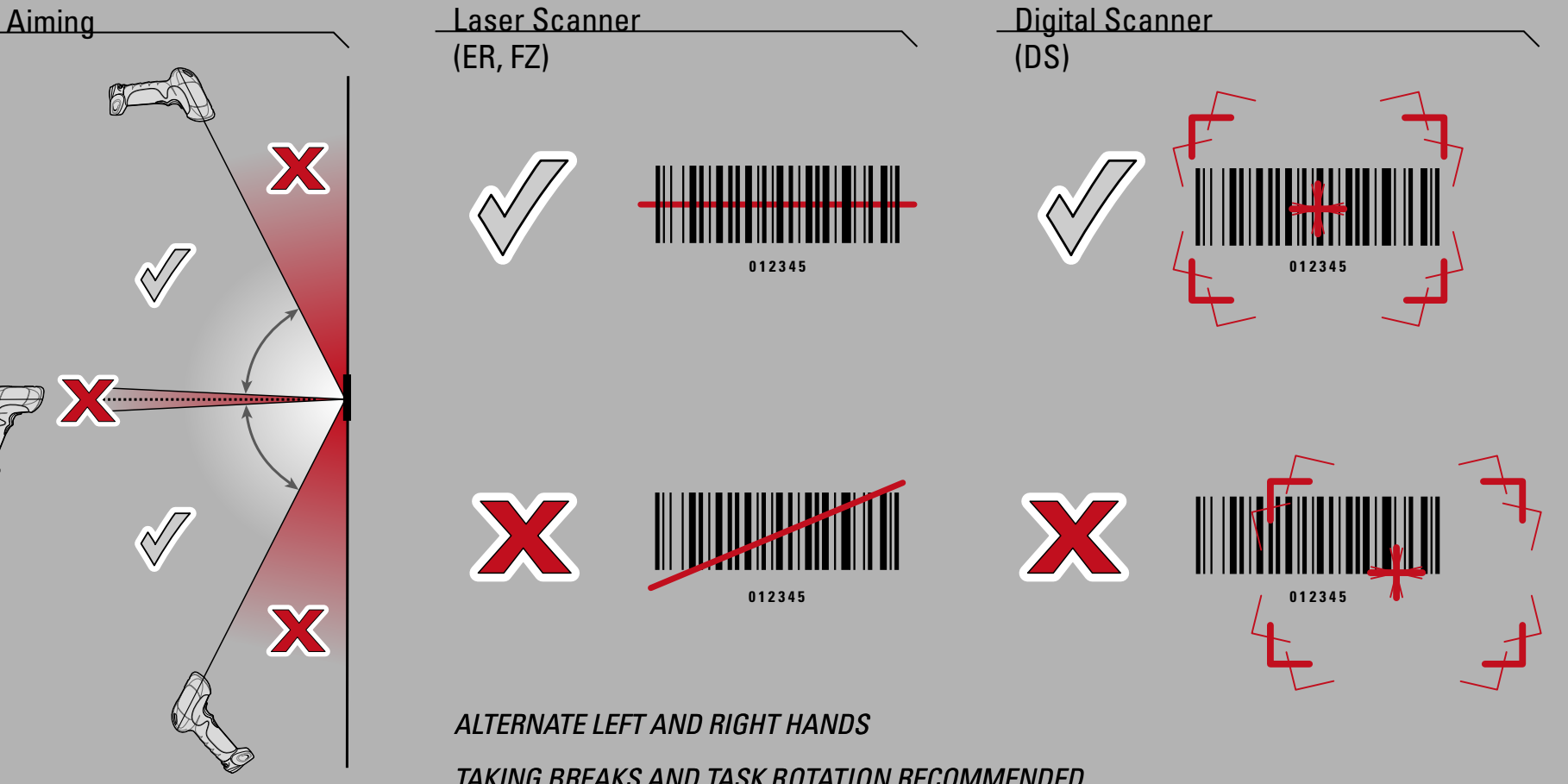


OPOS/JPOS



ENTER

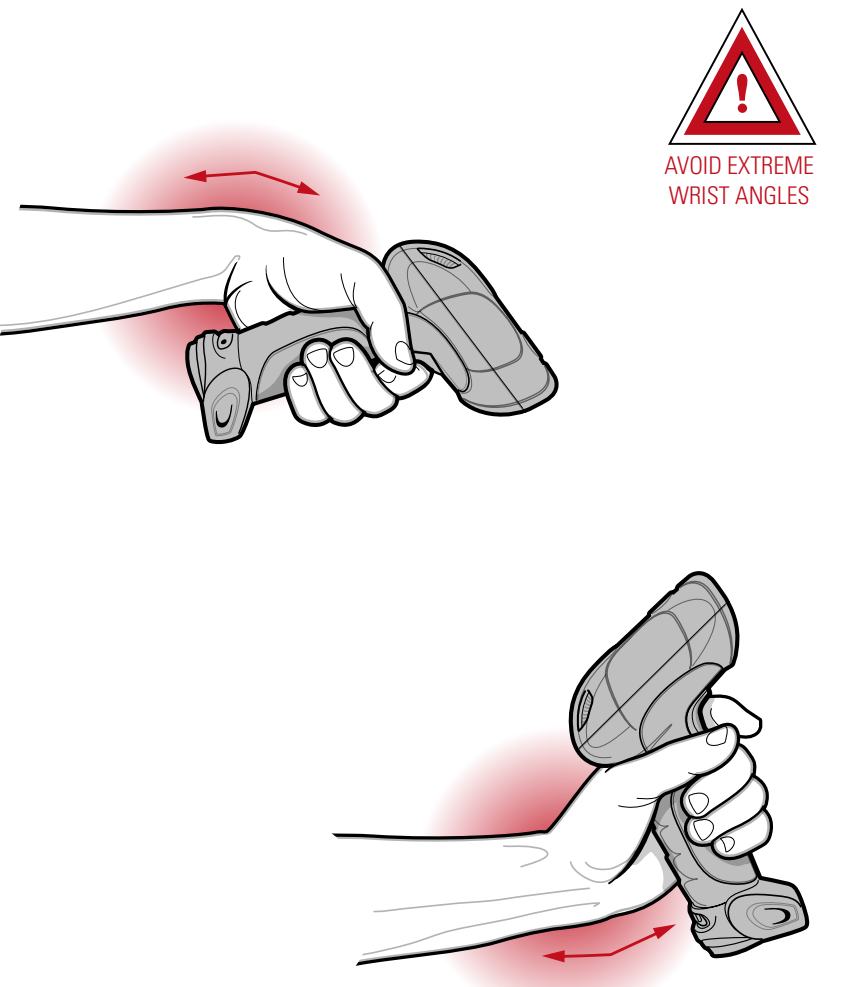
### Optimum Scanning Positions



### Optimum Upright Body Posture



### Avoid Extreme Wrist Angles



### Beeper Indications

Standard Use	Parameter Menu Scanning
<b>Low/medium/high beep</b> Power up <b>Short high beep</b> Bar code decoded [if decode beeper enabled] <b>4 long low beeps</b> Transmission error detected; data is ignored	<b>High/low/high/low beep</b> Successful parameter setting <b>High/low beep</b> Correct programming sequence performed <b>Low/high beep</b> Incorrect programming sequence or Cancel bar code scanned

### LED Indications

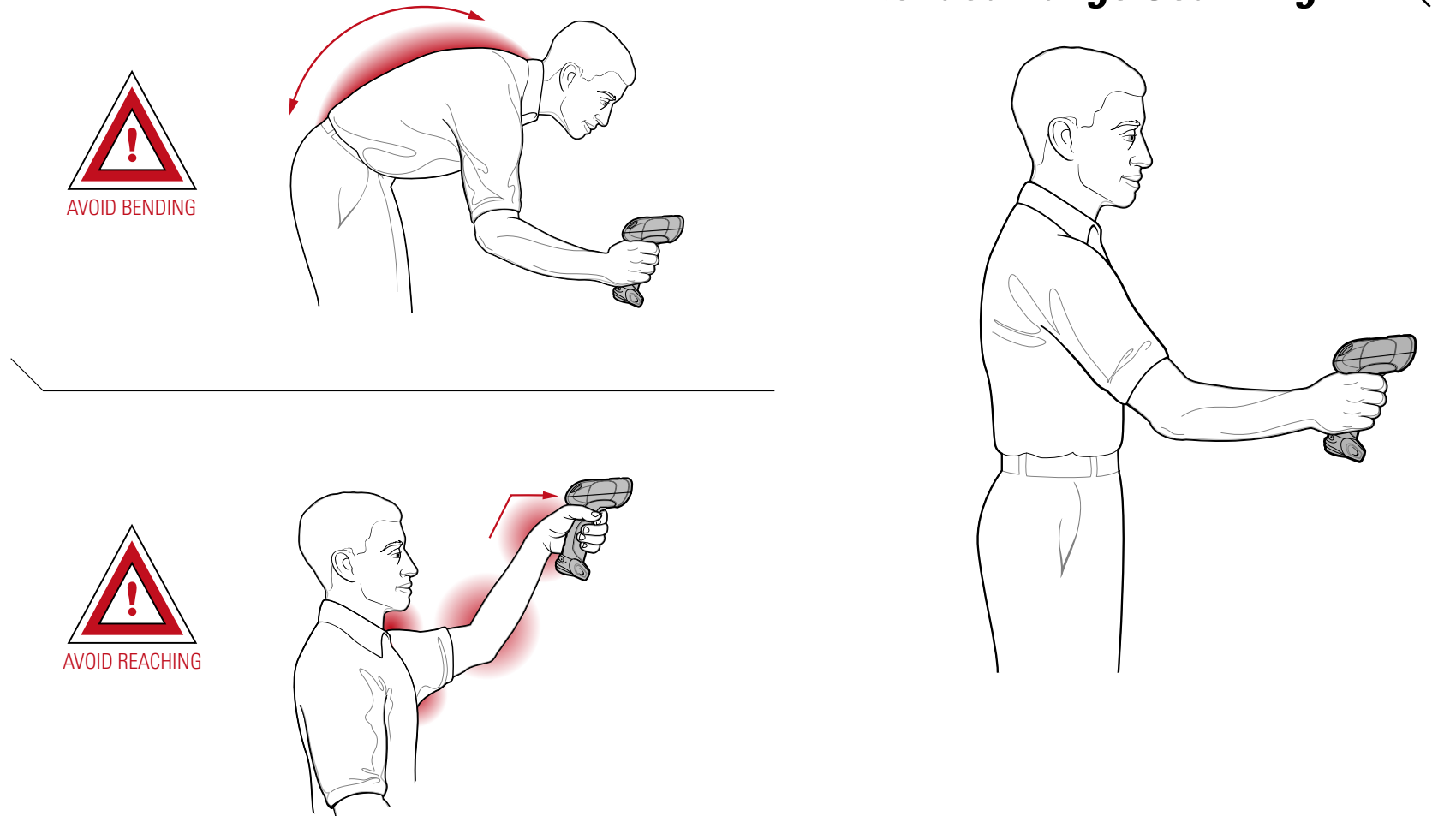
<b>Off</b> Scanner is on and ready to scan, or no power to scanner	<b>Green</b> Bar code is successfully decoded	<b>Red</b> Transmission error
---	--	----------------------------------

### Optimum Body Posture for Low Scanning

ALTERNATE LEFT AND RIGHT KNEES



### Optimum Body Posture for Extended Range Scanning



## LS/DS 3408 Recommended Usage Guide

<http://www.symbol.com/barcode>

SYMBOL TECHNOLOGIES, INC. One Symbol Plaza Holtsville, New York 11742-1300

Local Contact:

## Regulatory Information

©2004 SYMBOL TECHNOLOGIES, INC. All rights reserved. Symbol reserves the right to make changes to any product to improve reliability, function, or design. Symbol does not assume any product liability arising out of, or in connection with, the application or use of any product, circuit, or application described herein. No license is granted, either expressly or by implication, estoppel, or otherwise under any patent right or patent, covering or relating to any combination, system, apparatus, machine, material, method, or process in which Symbol products might be used. An implied license exists only for equipment, circuits, and subsystems contained in Symbol products. Symbol and the Symbol logo are registered trademarks of Symbol Technologies, Inc. Other product names mentioned in this manual may be trademarks or registered trademarks of their respective companies and are hereby acknowledged.

**Patents**  
This product is covered by one or more of the following U.S. and foreign Patents:  
U.S. Patent No. 4,593,186; 4,603,262; 4,607,156; 4,652,750; 4,673,805; 4,736,095; 4,758,717; 4,760,248; 4,806,742; 4,816,660; 4,845,350; 4,896,026; 4,897,532; 4,923,281; 4,933,538; 4,992,717; 5,015,833; 5,017,765; 5,021,641; 5,029,183; 5,047,617; 5,103,461; 5,113,445; 5,130,520; 5,140,144; 5,142,550; 5,149,950; 5,157,687; 5,168,148; 5,168,149; 5,180,904; 5,216,232; 5,229,591; 5,230,088; 5,235,167; 5,243,655; 5,247,162; 5,250,791; 5,250,792; 5,260,553; 5,262,627; 5,262,628; 5,266,787; 5,278,398; 5,280,162; 5,280,163; 5,280,164; 5,280,498; 5,304,786; 5,304,788; 5,306,900; 5,324,924; 5,337,361; 5,367,151; 5,373,148; 5,378,882; 5,396,053; 5,396,055; 5,399,846; 5,408,081; 5,410,139; 5,410,140; 5,412,198; 5,418,812; 5,420,411; 5,436,440; 5,444,231; 5,449,891; 5,449,893; 5,468,949; 5,471,042; 5,478,998; 5,479,000; 5,479,002; 5,479,441; 5,504,322; 5,519,577; 5,528,621; 5,532,469; 5,543,610; 5,545,889; 5,552,592; 5,557,093; 5,578,810; 5,581,070; 5,589,679; 5,589,680; 5,608,202; 5,612,531; 5,619,028; 5,627,359; 5,637,852; 5,664,229; 5,668,803; 5,675,139; 5,693,929; 5,698,835; 5,705,800; 5,714,746; 5,723,851; 5,734,152; 5,734,153; 5,742,043; 5,745,794; 5,754,587; 5,762,516; 5,763,863; 5,767,500; 5,789,726; 5,789,731; 5,806,287; 5,811,785; 5,811,787; 5,815,811; 5,821,519; 5,821,520; 5,823,812; 5,828,050; 5,848,064; 5,850,078; 5,861,615; 5,874,720; 5,875,415; 5,900,817; 5,902,989; 5,907,146; 5,912,450; 5,914,478; 5,917,173; 5,920,059; 5,923,025; 5,928,420; 5,945,656; 5,945,659; 5,946,194; 5,959,285; 6,002,918; 6,021,947; 6,029,892; 6,031,830; 6,036,096; 6,047,892; 6,050,491; 6,053,413; 6,056,200; 6,065,678; 6,067,297; 6,082,621; 6,084,528; 6,088,482; 6,092,725; 6,101,483; 6,102,293; 6,104,620; 6,114,712; 6,115,678; 6,119,944; 6,123,265; 6,131,814; 6,138,180; 6,142,379; 6,172,478; 6,176,428; 6,178,426; 6,186,400; 6,188,681; 6,209,788; 6,209,789; 6,216,951; 6,220,514; 6,243,447; 6,244,513; 6,247,647; 6,308,061; 6,250,551; 6,295,031; 6,308,061; 6,308,892; 6,321,990; 6,328,213; 6,330,244; 6,336,587; 6,340,114; 6,340,115; 6,340,119; 6,348,773; 6,380,949; 6,394,355; 6,395,885; 6,395,886; 6,395,887; 6,395,888; 6,395,889; 6,395,890; 6,395,891; 6,395,892; 6,395,893; 6,395,894; 6,395,895; 6,395,896; 6,395,897; 6,395,898; 6,395,899; 6,395,900; 6,395,901; 6,395,902; 6,395,903; 6,395,904; 6,395,905; 6,395,906; 6,395,907; 6,395,908; 6,395,909; 6,395,910; 6,395,911; 6,395,912; 6,395,913; 6,395,914; 6,395,915; 6,395,916; 6,395,917; 6,395,918; 6,395,919; 6,395,920; 6,395,921; 6,395,922; 6,395,923; 6,395,924; 6,395,925; 6,395,926; 6,395,927; 6,395,928; 6,395,929; 6,395,930; 6,395,931; 6,395,932; 6,395,933; 6,395,934; 6,395,935; 6,395,936; 6,395,937; 6,395,938; 6,395,939; 6,395,940; 6,395,941; 6,395,942; 6,395,943; 6,395,944; 6,395,945; 6,395,946; 6,395,947; 6,395,948; 6,395,949; 6,395,950; 6,395,951; 6,395,952; 6,395,953; 6,395,954; 6,395,955; 6,395,956; 6,395,957; 6,395,958; 6,395,959; 6,395,960; 6,395,961; 6,395,962; 6,395,963; 6,395,964; 6,395,965; 6,395,966; 6,395,967; 6,395,968; 6,395,969; 6,395,970; 6,395,971; 6,395,972; 6,395,973; 6,395,974; 6,395,975; 6,395,976; 6,395,977; 6,395,978; 6,395,979; 6,395,980; 6,395,981; 6,395,982; 6,395,983; 6,395,984; 6,395,985; 6,395,986; 6,395,987; 6,395,988; 6,395,989; 6,395,990; 6,395,991; 6,395,992; 6,395,993; 6,395,994; 6,395,995; 6,395,996; 6,395,997; 6,395,998; 6,395,999; 6,400,000; 6,400,001; 6,400,002; 6,400,003; 6,400,004; 6,400,005; 6,400,006; 6,400,007; 6,400,008; 6,400,009; 6,400,010; 6,400,011; 6,400,012; 6,400,013; 6,400,014; 6,400,015; 6,400,016; 6,400,017; 6,400,018; 6,400,019; 6,400,020; 6,400,021; 6,400,022; 6,400,023; 6,400,024; 6,400,025; 6,400,026; 6,400,027; 6,400,028; 6,400,029; 6,400,030; 6,400,031; 6,400,032; 6,400,033; 6,400,034; 6,400,035; 6,400,036; 6,400,037; 6,400,038; 6,400,039; 6,400,040; 6,400,041; 6,400,042; 6,400,043; 6,400,044; 6,400,045; 6,400,046; 6,400,047; 6,400,048; 6,400,049; 6,400,050; 6,400,051; 6,400,052; 6,400,053; 6,400,054; 6,400,055; 6,400,056; 6,400,057; 6,400,058; 6,400,059; 6,400,060; 6,400,061; 6,400,062; 6,400,063; 6,400,064; 6,400,065; 6,400,066; 6,400,067; 6,400,068; 6,400,069; 6,400,070; 6,400,071; 6,400,072; 6,400,073; 6,400,074; 6,400,075; 6,400,076; 6,400,077; 6,400,078; 6,400,079; 6,400,080; 6,400,081; 6,400,082; 6,400,083; 6,400,084; 6,400,085; 6,400,086; 6,400,087; 6,400,088; 6,400,089; 6,400,090; 6,400,091; 6,400,092; 6,400,093; 6,400,094; 6,400,095; 6,400,096; 6,400,097; 6,400,098; 6,400,099; 6,400,100; 6,400,101; 6,400,102; 6,400,103; 6,400,104; 6,400,105; 6,400,106; 6,400,107; 6,400,108; 6,400,109; 6,400,110; 6,400,111; 6,400,112; 6,400,113; 6,400,114; 6,400,115; 6,400,116; 6,400,117; 6,400,118; 6,400,119; 6,400,120; 6,400,121; 6,400,122; 6,400,123; 6,400,124; 6,400,125; 6,400,126; 6,400,127; 6,400,128; 6,400,129; 6,400,130; 6,400,131; 6,400,132; 6,400,133; 6,400,134; 6,400,135; 6,400,136; 6,400,137; 6,400,138; 6,400,139; 6,400,140; 6,400,141; 6,400,142; 6,400,143; 6,400,144; 6,400,145; 6,400,146; 6,400,147; 6,400,148; 6,400,149; 6,400,150; 6,400,151; 6,400,152; 6,400,153; 6,400,154; 6,400,155; 6,400,156; 6,400,157; 6,400,158; 6,400,159; 6,400,160; 6,400,161; 6,400,162; 6,400,163; 6,400,164; 6,400,165; 6,400,166; 6,400,167; 6,400,168; 6,400,169; 6,400,170; 6,400,171; 6,400,172; 6,400,173; 6,400,174; 6,400,175; 6,400,176; 6,400,177; 6,400,178; 6,400,179; 6,400,180; 6,400,181; 6,400,182; 6,400,183; 6,400,184; 6,400,185; 6,400,186; 6,400,187; 6,400,188; 6,400,189; 6,400,190; 6,400,191; 6,400,192; 6,400,193; 6,400,194; 6,400,195; 6,400,196; 6,400,197; 6,400,198; 6,400,199; 6,400,200; 6,400,201; 6,400,202; 6,400,203; 6,400,204; 6,400,205; 6,400,206; 6,400,207; 6,400,208; 6,400,209; 6,400,210; 6,400,211; 6,400,212; 6,400,213; 6,400,214; 6,400,215; 6,400,216; 6,400,217; 6,400,218; 6,400,219; 6,400,220; 6,400,221; 6,400,222; 6,400,223; 6,400,224; 6,400,225; 6,400,226; 6,400,227; 6,400,228; 6,400,229; 6,400,230; 6,400,231; 6,400,232; 6,400,233; 6,400,234; 6,400,235; 6,400,236; 6,400,237; 6,400,238; 6,400,239; 6,400,240; 6,400,241; 6,400,242; 6,400,243; 6,400,244; 6,400,245; 6,400,246; 6,400,247; 6,400,248; 6,400,249; 6,400,250; 6,400,251; 6,400,252; 6,400,253; 6,400,254; 6,400,255; 6,400,256; 6,400,257; 6,400,258; 6,400,259; 6,400,260; 6,400,261; 6,400,262; 6,400,263; 6,400,264; 6,400,265; 6,400,266; 6,400,267; 6,400,268; 6,400,269; 6,400,270; 6,400,271; 6,400,272; 6,400,273; 6,400,274; 6,400,275; 6,400,276; 6,400,277; 6,400,278; 6,400,279; 6,400,280; 6,400,281; 6,400,282; 6,400,283; 6,400,284; 6,400,285; 6,400,286; 6,400,287; 6,400,288; 6,400,289; 6,400,290; 6,400,291; 6,400,292; 6,400,293; 6,400,294; 6,400,295; 6,400,296; 6,400,297; 6,400,298; 6,400,299; 6,400,300; 6,400,301; 6,400,302; 6,400,303; 6,400,304; 6,400,305; 6,400,306; 6,400,307; 6,400,308; 6,400,309; 6,400,310; 6,400,311; 6,400,312; 6,400,313; 6,400,314; 6,400,315; 6,400,316; 6,400,317; 6,400,318; 6,400,319; 6,400,320; 6,400,321; 6,400,322; 6,400,323; 6,400,324; 6,400,325; 6,400,326; 6,400,327; 6,400,328; 6,400,329; 6,400,330; 6,400,331; 6,400,332; 6,400,333; 6,400,334; 6,400,335; 6,400,336; 6,400,337; 6,400,338; 6,400,339; 6,400,340; 6,400,341; 6,400,342; 6,400,343; 6,400,344; 6,400,345; 6,400,346; 6,400,347; 6,400,348; 6,400,349; 6,400,350; 6,400,351; 6,400,352; 6,400,353; 6,400,354; 6,400,355; 6,400,356; 6,400,357; 6,400,358; 6,400,359; 6,400,360; 6,400,361; 6,400,362; 6,400,363; 6,400,364; 6,400,365; 6,400,366; 6,400,367; 6,400,368; 6,400,369; 6,400,370; 6,400,371; 6,400,372; 6,400,373; 6,400,374; 6,400,375; 6,400,376; 6,400,377; 6,400,378; 6,400,379; 6,400,380; 6,400,381; 6,400,382; 6,400,383; 6,400,384; 6,400,385; 6,400,386; 6,400,387; 6,400,388; 6,400,389; 6,400,390; 6,400,391; 6,400,392; 6,400,393; 6,400,394; 6,400,395; 6,400,396; 6,400,397; 6,400,398; 6,400,399; 6,400,400; 6,400,401; 6,400,402; 6,400,403; 6,400,404; 6,400,405; 6,400,406; 6,400,407; 6,400,408; 6,400,409; 6,400,410; 6,400,411; 6,400,412; 6,400,413; 6,400,414; 6,400,415; 6,400,416; 6,400,417; 6,400,418; 6,400,419; 6,400,420; 6,400,421; 6,400,422; 6,400,423; 6,400,424; 6,400,425; 6,400,426; 6,400,427; 6,400,428; 6,400,429; 6,400,430; 6,400,431; 6,400,432; 6,400,433; 6,400,434; 6,400,435; 6,400,436; 6,400,437; 6,400,438; 6,400,439; 6,400,440; 6,400,441; 6,400,442; 6,400,443; 6,400,444; 6,400,445; 6,400,446; 6,400,447; 6,400,448; 6,400,449; 6,400,450; 6,400,451; 6,400,452; 6,400,453; 6,400,454; 6,400,455; 6,400,456; 6,400,457; 6,400,458; 6,400,459; 6,400,460; 6,400,461; 6,400,462; 6,400,463; 6,400,464; 6,400,465; 6,400,466; 6,400,467; 6,400,468; 6,400,469; 6,400,470; 6,400,471; 6,400,472; 6,400,473; 6,400,474; 6,400,475; 6,400,476; 6,400,477; 6,400,478; 6,400,479; 6,400,480; 6,400,481; 6,400,482; 6,400,483; 6,400,484; 6,400,485; 6,400,486; 6,400,487; 6,400,488; 6,400,489; 6,400,490; 6,400,491; 6,400,492; 6,400,493; 6,400,494; 6,400,495; 6,400,496; 6,400,497; 6,400,498; 6,400,499; 6,400,500; 6,400,501; 6,400,502; 6,400,503; 6,400,504; 6,400,505; 6,400,506; 6,400,507; 6,400,508; 6,400,509; 6,400,510; 6,400,511; 6,400,512; 6,400,513; 6,400,514; 6,400,515; 6,400,516; 6,400,517; 6,400,518; 6,400,519; 6,400,520; 6,400,521; 6,400,522; 6,400,523; 6,400,524; 6,400,525; 6,400,526; 6,400,527; 6,400,528; 6,400,529; 6,400,530; 6,400,531; 6,400,532; 6,400,533; 6,400,534; 6,400,535; 6,400,536; 6,400,537; 6,400,538; 6,400,539; 6,400,540; 6,400,541; 6,400,542; 6,400,543; 6,400,544; 6,400,545; 6,400,546; 6,400,547; 6,400,548; 6,400,549; 6,400,550; 6,400,551; 6,400,552; 6,400,553; 6,400,554; 6,400,555; 6,400,556; 6,400,557; 6,400,558; 6,400,559; 6,400,560; 6,400,561; 6,400,562; 6,400,563; 6,400,564; 6,400,565; 6,400,566; 6,400,567; 6,400,568; 6,400,569; 6,400,570; 6,400,571; 6,400,572; 6,400,573; 6,400,574; 6,400,575; 6,400,576; 6,400,577; 6,400,578; 6,400,579; 6,400,580; 6,400,581; 6,400,582; 6,400,583; 6,400,584; 6,400,585; 6,400,586; 6,400,587; 6,400,588; 6,400,589; 6,400,590; 6,400,591; 6,400,592; 6,400,593; 6,400,594; 6,400,595; 6,400,596; 6,400,597; 6,400,598; 6,400,599; 6,400,600; 6,400,601; 6,400,602; 6,400,603; 6,400,604; 6,400,605; 6,400,606; 6,400,607; 6,400,608; 6,400,609; 6,400,610; 6,400,611; 6,400,612; 6,400,613; 6,400,614; 6,400,615; 6,400,616; 6,400,617; 6,400,618; 6,400,619; 6,400,620; 6,400,621; 6,400,622; 6,400,623; 6,400,624; 6,400,625; 6,400,626; 6,400,627; 6,400,628; 6,400,629; 6,400,630; 6,400,631; 6,400,632; 6,400,633; 6,400,634; 6,400,635; 6,400,636; 6,400,637; 6,400,638; 6,400,639; 6,400,640; 6,400,641; 6,400,642; 6,400,643; 6,400,644; 6,400,645; 6,400,646; 6,400,647; 6,400,648; 6,400,649; 6,400,650; 6,400,651; 6,400,652; 6,400,653; 6,400,654; 6,400,655; 6,400,656; 6,400,657; 6,400,658; 6,400,659; 6,400,660; 6,400,661; 6,400,662; 6,400,663; 6,400,664; 6,400,665; 6,400,666; 6,400,667; 6,400,668;

## Free Manuals Download Website

<http://myh66.com>

<http://usermanuals.us>

<http://www.somanuals.com>

<http://www.4manuals.cc>

<http://www.manual-lib.com>

<http://www.404manual.com>

<http://www.luxmanual.com>

<http://aubethermostatmanual.com>

Golf course search by state

<http://golfingnear.com>

Email search by domain

<http://emailbydomain.com>

Auto manuals search

<http://auto.somanuals.com>

TV manuals search

<http://tv.somanuals.com>